

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



International Federation of Surveyors

General Assembly

MINUTES AND APPENDICES

16 and 21 June 2014

**Kuala Lumpur Convention Centre
Kuala Lumpur, Malaysia**

INTERNATIONAL FEDERATION OF SURVEYORS

**FIG 37th GENERAL ASSEMBLY
16 and 21 June 2014**

Kuala Lumpur Convention Centre - Kuala Lumpur, Malaysia

PROGRAMME

Monday, 16 June 2014		
Kuala Lumpur Convention Centre (KLCC) - Kuala Lumpur, Malaysia		
Monday 16 June	09:00-13:00 14:00-17:00	General Assembly, First Session Conference Hall 2
Tuesday, 17 June – Friday, 20 June 2014		
FIG 2014 Congress		
Kuala Lumpur Convention Centre (and Impiana Hotel), Kuala Lumpur, Malaysia		
www.fig.net/fig2014		
Tuesday 17 June – Thursday 19 June 2014		
FIG 2014 Congress Exhibition		
Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia		
www.fig.net/fig2014		
Tuesday– Wednesday 17-18 June	08:00-09:00 KLCC (See programme for individual rooms)	Annual Meetings of FIG Commissions and Networks
Tuesday 17 June	09:00-10:45 and 11:30 – 13:00 R402, KLCC, Kuala Lumpur	FIG Member Associations Forum These two sessions were reserved for Presidents or Heads of delegation (or their representatives) of member associations to discuss issue of their common interest. President of PEJUTA chaired the meeting. Attendance by invitation only
Wednesday 18 June 11.00–14.00 (including lunch on site)	08:30-10:00 Forest Research Institute of Malaysia (FRIM), Kepong, Kuala Lumpur. Meeting point was KLCC	Carbon Offset Programme – Let's Meet & Green Special This event was reserved for Presidents or Heads of delegation (or their representative) to plant trees as part of the carbon offset program for the Congress. Participation by invitation only and complimentary.
Friday 20 June	Presidents' Meeting 16:30-19:00 R303	FIG Presidents' Meeting This event was convened by the FIG President and reserved for Presidents or Heads of delegation of Member Associations (or their representatives) Attendance by invitation only
Saturday, 21 June 2014		

KLCC, Kuala Lumpur, Malaysia		
Saturday 21 June	09:00–13:00 14:00-16:00 Ballroom 1, KLCC	General Assembly, Second Session including Closing Ceremony. Closing ceremony commenced immediately after the conclusion of the General Assembly and was followed by the Farewell Reception hosted by the Chamber of Graduated Surveyors, Bulgaria, host of 2015 FIG Working Week.

FIG 37th GENERAL ASSEMBLY

List of Agenda Items

Monday, 16 June, 09:00-13:00 and 14:00-17:00

1. OPENING PROCEEDINGS
2. ROLL CALL
3. APPOINTMENT OF TELLERS
4. ADOPTION OF THE AGENDA
5. ADOPTION OF THE MINUTES OF THE 36th GENERAL ASSEMBLY
6. MEMBERSHIP
7. APPOINTMENT OF HONORARY MEMBERS
8. PRESIDENT'S REPORT
9. FIG ACCOUNTS FOR 2013 AND AUDITOR'S REPORT AND BUDGETS 2014-2017
10. SUBSCRIPTION RATES FOR 2016
11. AMENDMENT TO STATUTES AND INTERNAL RULES
12. REPORTS FROM FIG COMMISSIONS AND FIG NETWORKS 2013-2014
13. REPORTS OF TASK FORCES 2013-2014
14. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS 2013-2014
15. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION 2013-2014
16. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK
17. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS
18. ELECTION OF PRESIDENT FOR 2015-2018 – PRESENTATION BY CANDIDATE
19. ELECTION OF TWO VICE PRESIDENTS FOR 2015-2018 – PRESENTATION BY CANDIDATES
20. DECISION ON THE VENUE FOR 2017 FIG WORKING WEEK – PRESENTATION BY CANDIDATES
21. DECISION ON THE VENUE FOR 2018 FIG CONGRESS – PRESENTATION BY CANDIDATE

Friday, 20 June, 16:30-19:00

22. FIG PRESIDENT'S MEETING

Saturday, 21 June, 09:00–13:00 and 14:00-16:00

23. ROLL CALL
24. MEMBERSHIP
25. DECISION ON THE VENUE FOR 2017 FIG WORKING WEEK
26. DECISION ON THE VENUE FOR 2018 FIG CONGRESS
27. APPOINTMENTS OF COMMISSION CHAIRS 2015-2018
28. ELECTION OF TWO VICE PRESIDENTS FOR 2015-2018
29. ELECTION OF PRESIDENT 2015-2018

30. REPORTS FROM AFFILIATE, ACADEMIC AND CORPORATE MEMBERS FORUM (IF ANY)
31. REPORTS FROM COMMISSIONS, NETWORKS (by Chairs Elects), AND TASK FORCES (IF ANY)
32. REPORTS FROM PERMANENT INSTITUTIONS (IF ANY)
33. REPORT FROM FIG FOUNDATION (IF ANY)
34. REPORT ON THE WORKING WEEK 2016 IN CHRISTCHURCH, NEW ZEALAND
35. REPORT ON THE FIG WORKING WEEK 2015, SOFIA, BULGARIA
36. OTHER MATTERS (WITH PRIOR NOTICE GIVEN TO COUNCIL)
37. PRESENTATION OF CERTIFICATES OF APPRECIATION

CLOSING CEREMONY

FIG 37th GENERAL ASSEMBLY

MINUTES

for the meetings held on Monday 16 June 2014 in Conference Hall 2 and on Saturday 21 June 2014 in Ballroom 1 at the Kuala Lumpur Convention Center, Kuala Lumpur, Malaysia

MONDAY, 16 JUNE

Monday, 16 June, 09:00-13:00 and 14:00-17:00
Conference Hall 2, Kuala Lumpur Convention Center
General Assembly, First Session

1 OPENING PROCEEDINGS

President CheeHai Teo opened the 37th General Assembly and welcomed all members to Kuala Lumpur, Malaysia to the current council's final General Assembly with a short address.

The President expressed his gratitude to members and delegates for their participation and acknowledged the efforts of AALSM, the local organising committee and FIG Office towards a successful Congress with over 2500 participants from almost 100 countries.

The President expressed condolences and the general assembly observed a moment of silence in memory of Honorary President Karl-Olof Ternryd, Sweden, who passed away July 2013.

The President welcomed three Honorary Presidents: Juha Talvitie, Robert Foster and Stig Enemark and two Honorary Members: Paul van der Molen and Helge Onsrud to the meeting.

2 ROLL CALL

Vice President Rudolf Staiger took the roll call. The roll call was done only for member associations. Delegates representing affiliate members, academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered based on their registrations and information given to the FIG Office.

Since only member associations that have paid all their membership fees to the end of 2013 were allowed to vote at the meeting, a list of member associations that were not allowed to vote was published and posted on the FIG web site **15 May 2014**.

Appendix to items 2 & 23: Roll Call

Appendix to items 2 & 23: List of member associations that are not allowed to vote at the General Assembly due to unpaid membership fees for 2013 and earlier. Updated at 20 June 2014.

56 members out of 101 were present at the first session which is more than one third of the membership, the requirement for a quorum for the General Assembly. 53 member associations were allowed to vote.

Motion: Those members present are recorded in the minutes.

Decision: The motion was adopted.

3 APPOINTMENT OF TELLERS

The General Assembly shall appoint two persons as tellers for the entire General Assembly. The tellers will represent member association that hosted the preceding (Nigerian Institution of Surveyors, NIS, Nigeria) and the host of the proceeding following General Assembly (Chamber of Graduated Surveyors, CGS, Bulgaria).

Motion: That the General Assembly appointed Bern. Omo Akhigbe from NIS and Angel Yanakiev from CGS as tellers for this General Assembly.

Decision: The motion was adopted.

4 ADOPTION OF THE AGENDA

The Agenda for the General Assembly was issued as mandated, on 16 April 2014.

Motion: That the agenda be adopted.

Decision: The motion was adopted.

5 ADOPTION OF THE MINUTES OF THE 36th GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the 36th General Assembly in Abuja, Nigeria, May 2013, without appendices.

Motion: That the minutes be adopted as recorded.

Decision: The motion was adopted.

6 MEMBERSHIP

6.1. Admittance of new member associations

6.1.1 The Institute of Surveyors, St. Lucia, Inc. ISSL (MA-10123)

The Institute of Surveyors (St. Lucia) Inc. ISSL has applied for membership. ISSL was established in 2003. Their total membership (all categories) is 85 and qualified and full members numbered 66. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from The Institute of Surveyors, St. Lucia, Inc. ISSL

Motion: That the General Assembly admits The Institute of Surveyors, St. Lucia, Inc. ISSL to become a member association of FIG.

Decision: The motion was adopted. Since ISSL was not present their membership certificate will be sent to the association

6.1.2 Botswana Surveying and Mapping Association

Botswana Surveying and Mapping Association was expelled in 2012. FIG office has received a new application from them since they are now ready to be included as FIG member again. They have paid both old arrears as well as 2014 fee. The application for renewal of membership is attached **as appendix to agenda item 4.1.**

Motion: That the General Assembly reinstate Botswana Surveying and Mapping Association as member association.

Decision/Action: The motion was adopted and the FIG President presented Mr Emmanuel Tembo, representative from Botswana Surveying and Mapping Association the membership certificate.

6.1.3 Ordre des Geometres et Experts Fonciers – Algeria

Ordre des Geometres et Experts Fonciers – Algeria was expelled from FIG at FIG General Assembly 2013. FIG Office has however been in closer contact with the association because they were keen on staying as member of FIG. For over a year they have worked on getting payment to FIG approved. FIG received their membership payment and arrears in June 2014. It was therefore proposed to restore Ordre des Geometres et Experts Fonciers. A new application form is not needed.

Motion: That FIG General Assembly noted the update on the membership of Ordre des Geometres et Experts Fonciers

Decision/Action: The motion was adopted.

6.2 Resignation by member association

6.2.1 Hong Kong Institute of Surveyors

Hong Kong Institute of Surveyors has regrettably decided to resign from FIG. FIG Council is thankful that HKIS has cleared all arrears and there are no outstanding dues. FIG looks forward to a time where HKIS will find it fit to rejoin our global community.

Motion: That the General Assembly noted the resignation of HKIS

Decision: The motion was adopted.

6.2.2 MA-10052 – The Lithuanian Association of Property Valuers

The Lithuanian Association of Property Valuers has sent a letter to inform that they want to terminate their membership.

Motion: That FIG General Assembly noted the termination of The Lithuanian Association of Property Valuers as a member of FIG.

Decision/Action: The motion was adopted.

6.2.3 HARSE, Greece

HARCE, Greece has informed that they want to terminate their membership but will continue their engagement through the other Greek member TCG.

Motion: That FIG General Assembly noted the termination of HARSE, Greece as a member of FIG.

Decision/Action: The motion was adopted.

6.3 Expulsion of member associations

Subscriptions of following member associations are more than three years in arrears:

- Federación Argentina de Agrimensores FADA, Argentina (MA-10002)
- Colegio de Ingenieros y Agrimensores de Puerto Rico (MA-10069)

Geodetic Engineers of the Philippines are also more than three years in arrears and should also be expelled. However the FIG Council has received a letter from Geodetic Engineers of the Philippines that they will pay their arrears within the following three months.

The General Assembly has powers to expel from the Federation any member association whose fees are in arrears and shall under normal circumstances expel any member association whose fees are three years in arrears. (Article 4.3 of the Statutes). The FIG office has sent a letter to these associations informing that if their membership fees are still in arrears at the time of the General Assembly the General Assembly shall expel the above member associations in Kuala Lumpur.

In accordance with its administrative measures, FIG Council, has deferred the issuance of a membership subscription invoice to the Order of Syrian Engineers and Architects, OSEA as all efforts to maintain contact with them has not yielded results, will deem their membership in suspension giving due consideration to its internal situation. As reported in previous General Assembly, there remain existing sanctions on Iran and Denmark cannot receive payments from Iranian Professional Society of Surveying Engineers (ISS). Again in accordance with its administrative measures, FIG Council deem their membership to be in suspension. Council will reconsider the situation with these associations again in 2015.

After acceptance of new member associations and expulsions the number of FIG member associations is 101 from 88 countries.

Motion: That the General Assembly expels the

- Federación Argentina de Agrimensores FADA, Argentina (MA-10002)
- Colegio de Ingenieros y Agrimensores de Puerto Rico (MA-10069)

That the General Assembly allows Geodetic Engineers of the Philippines until 1 October to pay their arrears and if the arrears are not paid by then they will be expelled at the following council meeting.

Decision: The motion was adopted.

6.4 Other membership issues

6.4.1 Affiliate members

The Council has admitted the following national agencies to become affiliate members:

- State Committee for Land and Cartography, State Aerogeodesy Corporation, Azerbaijan
- Central Office of Immovable Property Registration – IPRO Albania
- General Commission for Survey (GCS), General Directorate of Geodesy and Land Survey (GLS), Saudi Arabia.

The council has expelled the following affiliate members because of unpaid membership subscriptions.

- Afghan Land Consulting Org. (AF20034)

The council has received information of termination of membership from:

- National Geographic Department, Laos.

After these changes the number of affiliate members is now 42.

6.4.2 Corporate members

The Council has admitted the following companies as Corporate Members of FIG after the General Assembly in 2013:

- MundoGEO, Brazil, (category F, regional level)
- The State Enterprise “State Land Cadastre Centre”, Ukraine (Category C, silver level)
- JKO Surveyors & Consultants (Pvt) Ltd, Sri Lanka (category F, regional level)

Thomson Reuters has revised their membership category from category E – basic level to category C silver level.

Following corporate members have resigned from their membership from 1.1.2014:

- FARO, Germany (category C –silver level)
- ICGC – Institut Cartographic i Geologic de Catalunya

After these changes the number of corporate members is now 22.

6.4.3 Academic members

FIG Council has admitted the following University to become Academic member:

- University of Thies, UFR Science of engineering from Senegal

The Council has expelled following universities because of unpaid membership subscriptions:

- Zonguldak Karaelmas Univ. Turkey (AC-40111)

The following academic members have resigned their membership:

- Fachhochschule Trier, Germany
- National University of Singapore

The number of Academic Members after these changes is 90 from 57 countries.

6.4.4 Correspondents

Council has not made any changes in Correspondent members since General Assembly 2013 and the number of correspondents remains at 3.

Motion: That the General Assembly notes the actions that the Council has taken with these membership matters.

Decision: The motion was adopted.

7 APPOINTMENT OF HONORARY MEMBERS

Mr. John Hohol

NSPS (formerly ACSM) National Office, United States has sent a nomination letter in which it proposes that FIG appoints Mr. John Hohol as an Honorary Member of FIG.

Mr. Iain Greenway

Chartered Institution of Civil Engineering Surveyors ICES, United Kingdom, has sent a nomination letter in which it proposes that FIG appoints Mr. Iain Greenway as an Honorary Member of FIG.

FIG Council has considered these nominations and considers that both applications fulfil the criteria (see criteria at: <http://www.fig.net/pub/figpub/pub40/figpub40.htm#Criteria>) for an Honorary Member and therefore proposed to the General Assembly that it appoints Mr John Hohol and Mr Iain Greenway as an Honorary Members of the Federation for the outstanding

services both have provided to the Federation. The two candidates were introduced respectively by NSPS and ICES.

Appendix to item 7: The nomination letter from NSPS National Office, United States and from ICES, United Kingdom

Motion: That the General Assembly appoints Mr. John Hohol and Mr. Iain Greenway as Honorary Members of FIG.

Decision: The General Assembly appointed Mr John Hohol and Mr Iain Greenway as Honorary Member of FIG by acclamation. Mr John Hohol was presented his badge with silver oak leaves and Certificate of Honorary Member. As Iain Greenway could not be present, his Certificate and Badge will be presented to him at the next General Assembly.

8 PRESIDENT'S REPORT

President CheeHai Teo has prepared the President's report on the activities of the Federation since the General Assembly in Abuja in May 2013.

Appendix to item 8:

- President's report
- Presentation hand-outs

Motion: That the General Assembly accepts the President's report.

Decision: The motion was adopted

9 FIG ACCOUNTS FOR 2013, AUDITOR'S REPORT AND BUDGETS 2014-2017

Vice President Bruno Razza, responsible for FIG Finances and Office was unfortunately not present. Therefore Vice President Chryssy Potsiou presented the financial report to the General Assembly. This report included the auditors report from 2013, official accounts (income statement 2013) and balance sheet 31 December 2013, a summary of 2013 accounts, an updated budget for 2014 and proposals for budgets 2015-2017 with notes and proposal for membership fees for member associations in 2016.

Appendix to item 09:

Report on Financial Issues (including 2013 accounts and budgets 2014-2017)

Presentation by Vice President Chryssy Potsiou

Annexes:

- **9A** Auditor's Report, Income Statement for 2013 and Balance Sheet at 31 December 2013.
- **9B** FIG Result 2013
- **9C** FIG Budgets 2014-2017
- **9D** List of member associations whose membership fees are in arrears for 2013 and earlier and that are not allowed to vote - published on the FIG web site **15 May 2014**

Motion: That the General Assembly

- adopts the audited accounts for 2013,
- adopts the Finance Report, and
- adopts budgets for 2014–2017

Decision: The motion was adopted.

10 SUBSCRIPTION RATES FOR 2016

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 5,500 members. Membership fee structure was changed in 2009. Membership fees have been discussed as part of the finance report, **appendix to item 9**.

The 2013 General Assembly approved membership fees for 2015 as follows:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2015	€4.48 per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay €2.24 per member up to a maximum of 5,500 members.	20 members or €50 (whichever is greater)	5,500 members (€24,640)

The World Bank lists of the low-income economies and the lower-middle-income economies are available at: <http://data.worldbank.org/about/country-classifications/country-and-lending-groups>

Recognising that the level of the 2016 subscription fees is dependent on the strategies of the new council, this Council remains responsible to propose to the General Assembly the level of subscription for 2016. Council has considered that a small rise in subscription might be appropriate given FIG's financial challenges expected over the coming years. Council is however also conscious of the economic condition that members are operating under and in particular member's challenges with their national membership and budgets. Council wishes to respect this as well and believes that the incoming Council and FIG Office will continue to be prudent in its financial management. Council therefore proposes the level of subscription for member associations for 2016 be at the same level as 2015. However, the incoming Council may review its subscription fees strategies for other categories of membership, in the future.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2016:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2016	€4.48 per member up to a	20 members or €50	5,500 members

maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay €2.24 per member up to a maximum of 5,500 members.	(whichever is greater)	(€24,640)
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Decision: The motion was adopted.

11 AMENDMENT TO STATUTES AND INTERNAL RULES

Amendments proposed by FIG Council

FIG Council proposed three amendments to the Statutes and Internal Rules for the consideration of the General Assembly. General Assembly was to note that any decision at this first session of the General Assembly to the Statutes and Internal Rules, when adopted, will be implemented at the second session of the General Assembly

FIG Statutes 6.6.

FIG Council proposed to amend item 6.6 of the statutes as follows:

Existing Provisions	Proposed Amendments	Rationale
6.6 A member association may only cast one vote on each issue.	6.6 A member association may: a) cast one vote on each issue provided the member association had in the most recent subscription period an individual membership of 999 or fewer; b) cast up to three votes on each issue provided the member association had in the most recent subscription period an individual membership of 5,500 or more, and subjected to the maximum subscription for a member association set by the General Assembly; c) otherwise cast up to two votes on each issue.	The 2012 General Assembly in Rome unanimously adopted the recommendations from the Working Group on Voting Rights that was convened by the 2011 General Assembly in Marrakech that the voting system be changed; that the right to vote remains with members associations; and that a sliding scale of voting, relative to association's membership numbers, be adopted; and that Council prepare and table a proposal (after consultation with the members) to amend Article 6.6 of the FIG Statutes no later than at the 1 st session and to be implemented at the 2 nd session of the 2014 General Assembly in Kuala Lumpur, Malaysia In early 2013, Council prepared and sent out a one-page consultation paper that set out the essentials of Council's recommendation that is reflected in the proposed amendment to Article 6.6 of FIG Statutes. The one-page consultation paper is attached.

Motion: That FIG General Assembly agree to amend FIG Statutes item 6.6 to:

6.6 A member association may:

- a) cast one vote on each issue provided the member association had in the most recent subscription period an individual membership of 999 or fewer;
- b) cast up to three votes on each issue provided the member association had in the most recent subscription period an individual membership of 5,500 or more, and subjected to the maximum subscription for a member association set by the General Assembly;
- c) otherwise cast up to two votes on each issue.

and the decision is implemented at the 2nd Session of the 37th General Assembly.

Decision: The decision was by ballot and 52 votes were casted with 40 votes in favour and 12 votes against. The statute change was adopted and FIG Statutes 6.6 will be implemented at the 2nd Session of the 37th General Assembly.

FIG Statutes 8

FIG Council proposed to amend item 8 of the statutes as follows:

Existing Provisions	Proposed Amendments	Rationale
<p>8 Force majeure</p> <p>8.1 In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation; but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed.</p>	<p>8 Force majeure</p> <p>8.1 If the Council determines that circumstances at the designated venue do not allow the convening of a General Assembly in conformance with these Statutes, the Council will take the steps it considers necessary to continue the work of the Federation, including communicating with the Federation's members. This may include: using postal voting for matters requiring urgent decision (except that of election to office); deferring the business of a General Assembly to the following year's General Assembly; or convening a rearranged meeting of the General Assembly. A rearranged meeting will always be arranged if there is an election to office to be determined. If the Council decides to convene a rearranged meeting of the General Assembly in these circumstances, the timetabling provisions of Statutes 6.1 and 6.2 may be waived.</p> <p>8.2 In the event of force majeure rendering liaison with the majority of members of</p>	<p>The General Assembly decides four years out the venue of FIG's future General Assembly that is attached to FIG's Working Week and Congress. Council recognized that circumstances at the chosen venue might be impacted by subsequent events and occurrences that do not allow the convening of a General Assembly in a safe and sure circumstances.</p> <p>The new provision under Item 8.1 allows Council to take the necessary steps to continue the work of the Federation and may include postal voting, deferring the business to the following year or convening a rearranged meeting of the General Assembly. Any election to office must be at a rearranged meeting of the General Assembly and not deferred nor decided by postal vote.</p> <p>The existing Item 8.1 be renumbered as 8.2</p>

Existing Provisions	Proposed Amendments	Rationale
	the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation; but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed.	

Motion: That FIG General assembly agree to amend FIG Statutes item 8 to:

8 Force majeure

8.1

If the Council determines that circumstances at the designated venue do not allow the convening of a General Assembly in conformance with these Statutes, the Council will take the steps it considers necessary to continue the work of the Federation, including communicating with the Federation's members. This may include: using postal voting for matters requiring urgent decision (except that of election to office); deferring the business of a General Assembly to the following year's General Assembly; or convening a rearranged meeting of the General Assembly. A rearranged meeting will always be arranged if there is an election to office to be determined. If the Council decides to convene a rearranged meeting of the General Assembly in these circumstances, the timetabling provisions of Statutes 6.1 and 6.2 may be waived.

8.2

In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation; but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed.

Decision: The decision was by ballot and 52 votes were casted with 49 votes in favour, 2 votes against and 1 invalid vote. The statute change was adopted.

FIG Internal Rules 13 and 14

FIG Council proposed to amend item 13 and 14 of Internal Rules as follows:

Existing Provisions	Proposed Amendments	Rationale
13 Ad Hoc Commissions 13.1 In addition to the commissions, ad hoc commissions may be established by a vote of the General Assembly to carry out special technical assignments, projects or studies, including cross-commission activities. Ad hoc commissions will	13 (Blank)	This amendment reflects the fact that recent and current task forces were established to address matters that are more than just administrative or of a general policy nature. Task forces have been established to consider, research and report on

Existing Provisions	Proposed Amendments	Rationale
<p>normally be established for a specified period and disbanded following the acceptance of their reports by the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p> <p>14 Task forces</p> <p>14.1 Task forces may be established by the Council to research and to advise on matters of an administrative or of a general policy nature. They will normally be of short duration and will be concluded on the presentation and acceptance of their reports by the Council and, where necessary, the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p>	<p>14. Task Forces</p> <p>14.1 Task Forces may be established by the Council to carry out special technical assignments, projects or studies, or to advise on matters of an administrative or general policy nature. They will normally be established for a specified period and disbanded following the acceptance of their reports by the Council and, where necessary, the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p>	<p>matters that are technical, that are cross cutting as well as emerging issues that are of interest to the profession. They have therefore taken the place of ad hoc commissions, and the proposed deleting of internal rule 13 and amendment of internal rule 14 reflects this.</p>

Motion: That FIG General Assembly agree to amend FIG Internal Rule item no 13 and 14 to:

13 (Blank)

14. Task Forces

14.1

Task Forces may be established by the Council to carry out special technical assignments, projects or studies, or to advise on matters of an administrative or general policy nature. They will normally be established for a specified period and disbanded following the acceptance of their reports by the Council and, where necessary, the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.

Decision: The decision was by ballot and 52 votes were casted with 47 votes in favour and 4 votes against. The statute change was adopted.

FIG Council has received two suggestions to review and amend FIG Statutes and Internal Rules. The first is from Geosuisse and the second from DdL. The suggestions are as follows

a) Geosuisse, Switzerland – change in the nomination process:

That the nomination process be changed in the following sense:

- No longer the member associations nominate a candidate directly. They can propose candidates to a respective nominating body;
- For Vice-presidents a regional body formed by the regional associations will have the right to nominate candidates. This makes it necessary that a candidate is better known and that every region has a representative. The regional bodies have to check if a candidate is eligible and has sufficient support, also in financial terms;
- For Commission Chairs Elect, the right to nominate should be with the Commissions themselves. They have to evaluate the candidates and to make sure that she/he is able to fulfil the responsibility. The Commissions are the only bodies that have sufficient knowledge of their national delegates and who are able to judge their eligibility. Commissions will discuss with the national association the candidate they wish to nominate.

b) DdL - Denmark – Term of Office

The term of office, as provided for under FIG Statutes 5.5, for all elected members of the Council is four years subject to the provisions of section 5.6. No individual may serve for more than two consecutive periods on the Council and the term of office of the president is limited to one period of four years. *The term of office for the President, Vice Presidents and the ACCO representative starts immediately following their election* instead of the current provision, that's on 1st January in the year following their election.

FIG Council sought guidance from the General Assembly and invited Geosuisse and DdL to present their suggestions to the General Assembly. FIG Council also presented their thoughts on the suggestions. Hereafter there was general discussion and deliberations with a number of members weighing in on the suggestions, some speaking for, others against, yet others elaborating and making further suggestions. DdL subsequently withdrew their suggestions and together with GeoSuisse content to allow Council to further consider these suggestions together with the comments from the General Assembly.

Appendix to item 11:

Letter from Geosuisse, Switzerland and DdL, Denmark

- Presentation by DDL
- Council comments to the presentations

Motion: That General Assembly provides guidance to the FIG Council on the suggestions forwarded by GeoSuisse and DdL.

Decision: Council to further consider these suggestions together with the comments from the General Assembly and revert to the General Assembly.

12 REPORTS FROM FIG COMMISSIONS AND FIG NETWORKS 2013-2014

Commission Chairs, 2011-2014, were required to submit a written report on the Commission activities covering period from Working Week in Abuja to the General Assembly. These reports include reports of the Commission chair and Commission working groups. The reports include also the two FIG networks: Standards Network and Young Surveyors Network.

Each Commission and Network Chair gave a short report on Commission activities to the General Assembly.

Appendices to item 12: Commission reports:

- 12.01** Commission 1 – hand-outs of presentation
- 12.02** Commission 2 – hand-outs of presentation
- 12.03** Commission 3 – hand-outs of presentation
- 12.04** Commission 4 – hand-outs of presentation
- 12.05** Commission 5 – hand-outs of presentation
- 12.06** Commission 6 – hand-outs of presentation
- 12.07** Commission 7 – hand-outs of presentation
- 12.08** Commission 8 – hand-outs of presentation
- 12.09** Commission 9 – hand-outs of presentation
- 12.10** Commission 10 – hand-outs of presentation
- 12.11** Standards Network – hand-outs of presentation
- 12.12** Young Surveyors Network – hand-outs of presentation

Motion: That the General Assembly adopts the tabled reports of the Commission and Network Chairs and records its thanks to the chairs and other officers of the Commissions and Networks for their on going contributions.

Decision: The motion was adopted.

13 REPORTS OF TASK FORCES 2013-2014

FIG has currently three Task Forces: 1) FIG Africa Task Force (2009 – 2014), chaired by Dr. Diane Dumashie (RICS); 2) Task Force on Surveyors and the Climate Change (2011-2014) chaired by Prof. John Hannah (NZIS); and 3) Task Force on Property and Housing (2011-2014) chaired by Prof. Chryssy Potsiou (TCG/HARSE).

Each Chair gave a short report on activities of the Task Force to the General Assembly.

Appendices to item 13: Task Force reports:

- **13.1** FIG Africa Task Force – hand-outs of presentation
- **13.2** Task Force on Surveyors and the Climate Change – hand-outs of presentation
- **13.3** Task Force on Property and Housing – hand-outs of presentation

Motion: That the General Assembly adopts the tabled reports and records its thanks to the Chairs of the Task Forces and their members for their work and contributions.

Decision: The motion was adopted.

14 REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS 2013-2014

14.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Mr. Christiaan Lemmen, Director of OICRF had prepared a report on the OICRF activities since the General Assembly in Abuja. He made a short report to the General Assembly.

Appendix to item 14.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the members of OICRF for their past year's work and contribution.

Decision: The motion was adopted.

14.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr Jan de Graeve Director of the IIHSM had prepared a report on the IIHSM activities since the General Assembly in Marrakech. Mr John Brock made a short report to the General Assembly on his behalf.

Appendix to item 14.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work and contribution.

Decision: The motion was adopted.

15 REPORT OF THE PRESIDENT OF THE FIG FOUNDATION 2013-2014

Mr. John Hohol, President of the FIG Foundation had prepared a report on the FIG Foundation activities from May 2013 to April 2014. He made a short report to the General Assembly.

Appendix to item 15: Report of the FIG Foundation activities 2013-2014

Motion: That the General Assembly adopts the report of the President of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work.

Decision: The motion was adopted.

16 CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

Since the 36th General Assembly, FIG has continued to collaborate with the World Bank and various agencies and structures within the United Nations. The activities with these bodies are in the President's report, **appendix to item 8**.

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to all those who have contributed to this co-operation.

Decision: The motion was adopted.

17 LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting of JB-GIS in 2013 was held in August 2013 on the sideline of the IAG Congress and VP Rudolf Staiger represented FIG. Prof. William Cartwright was retained as Chair for one further year. FIG has collaborative MoUs with a number of the organizations who are part of JB-GIS.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI, IFHS, PAIGH and PAQS.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards. FIG also joined the IPMS (International Property Measurement Standards) Coalition.

Co-operation with international and regional organisations are in President's report, **appendix to item 8**.

Motion: That the General Assembly records the report on the liaison with other international associations.

Decision: The motion was adopted.

18 ELECTION OF PRESIDENT FOR 2015-2018 – PRESENTATION OF CANDIDATE

The Council has received one nomination for the post of FIG President: Chryssy Potsiou, Technical Chamber of Greece. The profile template of the candidate is attached to this agenda. In the first session of the General Assembly the candidate will be given time (not more than 5 minutes) to introduce herself and make a presentation focussing on her ideas, goals and agenda for furthering FIG's objects and global stature.

The election, notwithstanding that there is only one candidate, will take place at the second session of the General Assembly by blind votes on Saturday 21 June. 2014

Appendices to item 18 and 29: Nomination templates of candidate to FIG President 1.1.2015-31.12.2018: Ms Chryssy Potsiou, TCG, Greece

Motion: That the General Assembly notes the presentation of the candidate; make its careful consideration at the election during the second session of the General Assembly on the 21 June.

Decision: The motion was adopted.

19 ELECTION OF TWO VICE PRESIDENTS FOR 2015-2018 – PRESENTATION OF CANDIDATES

The Council had received six nominations for the two posts of FIG Vice President:

- a) Yerach Doytsher, The Association of Licensed Surveyors in Israel;
- b) Diane Dumashie, RICS, United Kingdom;
- c) Kate Fairlie, SSSI, Australia;
- d) John Hannah, NZIS, New Zealand;
- e) Mikael Lilje, Swedish Professionals for the Built Environment, Sweden; and
- f) Rudolf Staiger, DVW, Germany

Council with deep regret accepted Yerach Doytsher's withdrawal of his candidacy. The profile templates of each candidate as well as presentation hand-outs are attached to these minutes. Each candidate introduced her/him and made a presentation focussing on his/her ideas and goals for developing the FIG agenda to the General Assembly.

The elections will take place at the second session of the General Assembly by blind votes on Saturday 21 June, one position at a time.

Appendix to item 19 and 28: Profiles of the candidates for FIG Vice President 1.1.2015-31.12.2018:

- Diane Dumashie, RICS, United Kingdom; handouts of presentation
- Kate Fairlie, SSSI, Australia; handouts of presentation
- John Hannah, NZIS, New Zealand; hand-outs of presentation
- Mikael Lilje, Swedish Professionals for the Built Environment, Sweden; hand-outs of presentation
- Rudolf Staiger, DVW, Germany

Motion: That the General Assembly notes the presentations of the candidates makes its careful consideration at the elections during the second session of the General Assembly on the 21 June.

Decision: The motion was adopted.

20 DECISION OF THE VENUE FOR FIG WORKING WEEK 2017 – PRESENTATION OF CANDIDATES

The FIG Working Weeks are organised by FIG together with the local member association. FIG will together with the local member association have full responsibility of the arrangements and of the financial result. This offers FIG better opportunities in terms of organising events and generating revenue. Therefore the Council has to ensure that all candidates are aware of the role of FIG and split of responsibilities for organising the Working Week. This General Assembly will decide on the host for the 2017 Working Week.

The FIG Council has received three bids to host the FIG Working Week 2017:

- Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki
- Nepal Institution of Chartered Surveyors (NICS) in Kathmandu,
- Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi

The Council had prepared a desktop summary on the bids and had also carried out an evaluation together with the FIG Office that was presented at the General Assembly. In the summary report the following considerations, as laid out in the invitation documentation, are described for comparison:

1. Rotation of the conferences (region);
2. Country (hosting of earlier FIG events, experience);
3. Member association (its activeness, commitment to FIG and to FIG 2017, execution ability for local association);
4. Supporting organisations (local support to the Working Week, governmental support, financial support, general support);
5. Host city (characteristics and interest from congress programme point of view, host city attractiveness, host city offerings);
6. Venue (price/affordability, location of venue, internet availability suitability of rooms, size of venue, structure and layout of the venue, catering, value for money, hotels nearby facilities for exhibition);
7. Accessibility (flight connections, several access possibilities, security, visa issues, air fare to destination);
8. Safety and security (political stability, airport safety, city safety, political stability in the country - rating must be 3 or higher);
9. Proposed dates (must meet FIG requirements, Following FIG statutes, practical dates, availability of venue, other conferences at the same time)
10. Technical programme (coverage of all FIG Commissions, potential partners, originality, special ideas);
11. Technical tours (coverage of all FIG Commissions, originality, ideas proposed);
12. Social programme (attractiveness and variety, proposals for dinners, attractiveness of offered dinners, proposals for tours, is the programme following the overall FIG concept);
13. Attendance (expectation of international, regional and local attendance, realistic number of international and national participants);

14. Finances (estimate of surplus and financial risks, realistic fees proposed, fees in an acceptable price range, difference between international and national fees, realistic budget, estimated revenue);
15. Sponsorship (estimate sponsorship and exhibition income, proposed income, how realistic is proposed income, local sponsor offerings, sponsor interest to conference);
16. Why host (reason for hosting);
17. Objectives and outcomes (thought through why conference should be held at destination, difference to other destinations, short term outcome, long term outcome);
18. Suggested theme (thought of possible theme that fits to local/regional situation);
19. Events organised in the past three years (how experienced is the host in organising events)
20. Major events planned in the proposed city in 2017 (many events might affect the price level);
21. Initiatives for sustainable conference environment (is host city, venue and local host paying attention to environmental issues);
22. New initiatives or activities (originality – but within the overall FIG concept)
23. What legacy to leave locally from the Working Week (with host, hosting city, for the surveying community)

The summary report will not give a recommendation or a preference to any candidate but it will provide useful information on each items listed above and summarise the pros and cons of each candidate to assist the member association in making their decision. General Assembly must note that, especially in these past years, the issue of security and financial viability has come to the fore. The purpose of the evaluation process is to maintain the continued viability, high standard and quality of the FIG Working Week.

The Council has considered the bids and decided to present all submitted bids to the General Assembly for its decision. The General Assembly was recommended to read the summaries and the bids carefully.

Appendix to item 20 and 25:

Summary Report on the Bids for FIG 2017 Working Week

Bidding documents for FIG 2017 Working Week:

- Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki
- Nepal Institution of Chartered Surveyors (NICS) in Kathmandu,
- Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi

At the session each candidate was given the same time (not more than 10 minutes) to make a presentation of their proposal and framework of the Working Week and their bid. FIG Council presented its evaluation and the impact on FIG on the various bids.

Decision on the venue of FIG 2017 Working Week was made at the second session of the General Assembly on 21 June. The voting will be made by blind votes. If there will be no absolute majority in the first voting for any of the proposals, a second vote will be organised between those two candidates that have most votes.

Appendix:

- Presentation by Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki
- Presentation by Nepal Institution of Chartered Surveyors (NICS) in Kathmandu,
- Presentation by Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi
- Presentation on FIG Council's evaluation

Motion: That the General Assembly notes the submission, the summary report, the presentations and FIG's evaluation of the candidates, makes its careful consideration and decision during the second session of the General Assembly on 21 June.

Decision: The motion was adopted

21 DECISION OF THE VENUE FOR FIG CONGRESS 2018 – PRESENTATION OF CANDIDATE

The FIG Congresses are organised by FIG together with the local member association. FIG will together with the local member association have full responsibility of the arrangements and of the financial result. This offers FIG better opportunities in terms of organising events and generating funds. Therefore the Council has to ensure that any candidates are aware of the role of FIG and split of responsibilities for organising the Congress. This General Assembly will decide on the host for the 2018 Congress.

The FIG Council has received one bid to host the FIG 2018 Congress:

- Turkish Chamber of Survey and Cadastre Engineers in Istanbul, Turkey

The Council has prepared a desktop summary on the bids and has also carried out an evaluation together with the FIG Office that will be presented at the General Assembly. In the summary report the considerations, as laid out in the invitation documentation, are described for comparison.

The summary report will not give a recommendation but it will provide useful information to assist the member association in making their decision. General Assembly must note that, especially in these past years, the issue of security and financial viability has come to the fore. The purpose of the evaluation process is to maintain the continued viability, high standard and quality of the FIG Congress.

The Council has considered and decided to present this submitted bids to the General Assembly for its decision, notwithstanding that there is only one candidate. The General Assembly is recommended to read the summary and the bid carefully.

Appendix to item 21 and 26:

Summary Report on the Bid for FIG 2018 Congress

Bidding document for FIG 2018 Congress by the Turkish Chamber of Survey and Cadastre Engineers in Istanbul, Turkey

Presentation by Turkish Chamber of Survey and Cadastre Engineers
Video presentation
Presentation on FIG Council's evaluation

The candidate was given not more than 10 minutes to make a presentation of their proposal and framework of the Congress and their bid. FIG Council will present its evaluation and the impact on FIG. Decision on the venue of FIG 2018 Congress will be made at the second session of the General Assembly on 21 June. FIG Council presented its evaluation of the bid.

Motion: That the General Assembly notes the submission, the summary report, the presentation and FIG's evaluation of the proposal, makes its careful consideration and decision during the second session of the General Assembly on 21 June.

Decision: The motion was adopted

FRIDAY 20 JUNE, 2014

Friday, 20 June, 16:30-19:00
Tbc, Kuala Lumpur Convention Centre
Presidents' Meeting
(by invitation only)

22 FIG PRESIDENT'S MEETING

A memo of the Presidents Meeting will be distributed later to all presidents.

SATURDAY 21 JUNE, 2014

Saturday, 21 June, 09:00–13:00 and 14:00-16:00
Ballroom 1, Kuala Lumpur Convention Centre
General Assembly, Second Session and Closing Ceremony

23 ROLL CALL

Vice President Rudolf Staiger took the roll call. The roll call was done for member associations only. Delegates representing affiliate members, academic members, corporate members and correspondents as well as honorary presidents and honorary members will be entered in the records but they shall register before the meeting starts the staff of FIG Office. Since only member associations that have paid all their membership fees to the end of 2013 are allowed to vote at the meeting, a list of member associations that are not allowed to vote was published on the FIG web site **15 May 2014**. Members who paid their arrears at the General Assembly will also be allowed to vote.

Appendix to items 2 & 23: Roll Call

Appendix to items 2 & 23: List of member associations that are not allowed to vote at the General Assembly because of unpaid membership fees for 2013

After the roll call, 58 members out of 101 members were present and 56 were allowed to vote with a total of 74 votes in accordance with the amendments to FIG Statutes Item 6.6.

Motion: Those members present are recorded in the minutes.

Decision: The motion was adopted.

24 MEMBERSHIP

There were no new membership issue to bring before the General Assembly.

Motion: That the General Assembly notes that Council has no new membership issue to bring before the General Assembly.

Decision: The motion was adopted.

25 DECISION ON THE VENUE FOR 2017 FIG WORKING WEEK

Candidates for FIG 2017 Congress have made their presentations in the first session of the General Assembly and FIG Council has presented its evaluation. The decision was made between:

- Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki;
- Nepal Institution of Chartered Surveyors (NICS) in Kathmandu,
- Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi.

The decision took place by blind votes following the FIG statutes and internal rules. If there were no absolute majority in the first round of voting, a second vote will be organised between those two candidates that have most votes.

A total of 73 votes were cast and the results of the ballot was as follows -

- Candidate A (Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki): 50 votes
- Candidate B (Nepal Institution of Chartered Surveyors (NICS) in Kathmandu): 8 votes; and
- Candidate C (Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in Hanoi): 15 votes.

Motion: This General Assembly decides the host and venue for FIG 2017 Working Week.

Decision: General Assembly decided that the 2017 FIG Working Week would be co-organized together with the Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in Helsinki.

26 DECISION ON THE VENUE FOR 2018 FIG CONGRESS

The sole candidate, Turkish Chamber of Survey and Cadastre Engineers, for hosting the FIG 2018 Congress in Istanbul, Turkey has made their presentation in the first session of the General Assembly. The General Assembly was to affirm the sole candidate by voting to host the FIG 2018 Congress in Istanbul, Turkey.

A total of 73 votes were cast and the result of the ballot was 72 votes in favour and 1 vote against.

Motion: That the General Assembly decides on the host and venue of FIG 2018 Congress

Decision: General Assembly decided that the 2018 FIG Congress would be co-organized with the Turkish Chamber of Survey and Cadastre Engineers in Istanbul, Turkey

27 APPOINTMENTS OF COMMISSION CHAIRS 2015-2018

According to the FIG Statutes and Internal Rules the General Assembly elected Commission Chairs Elect at its General Assembly in 2012 in Rome, Italy. These Chairs Elect will then become Chairs of the Commissions for the next term of office, 2015-2018. Thus the General Assembly shall appoint at this meeting Commission Chairs for the term of office 1.1.2015-31.12.2018. Their respective nominating member associations have reconfirmed all nominated Chairs 2015-2018.

Appendix: Nomination form from 2012 and reconfirmation by association:

Commission 1:	Mr. Brian J. Coutts, NZIS, New Zealand
Commission 2:	Ms. Liza Groenendijk, GIN, Netherlands
Commission 3:	Mr. Enrico Rispoli, CNGeGL, Italy
Commission 4:	Ms. Angela Kesiena Etuonovbe, NIS, Nigeria
Commission 5:	Prof. Volker Schwieger, DVW, Germany
Commission 6:	Dr. Ivo Milev, USLMB, Bulgaria
Commission 7:	Ms. Gerda Schennach, OVG, Austria
Commission 8:	Mr. Kwame Tenadu, GhIS, Ghana
Commission 9:	Prof. Liao Jinping (Patrick), CIREA, China PR
Commission 10:	Mr See Lian Ong, RICS, United Kingdom

Young Surveyors Network: Ms. Eva-Maria Unger, OVG, Austria

Motion: That General Assembly unanimously appoints for term of office 1.1.2015-31.12.2018 as follows:

Commission 1:	Mr. Brian J. Coutts, NZIS, New Zealand
Commission 2:	Ms. Liza Groenendijk, GIN, Netherlands
Commission 3:	Mr. Enrico Rispoli, CNGeGL, Italy
Commission 4:	Ms. Angela Kesiena Etuonovbe, NIS, Nigeria
Commission 5:	Prof. Volker Schwieger, DVW, Germany
Commission 6:	Dr. Ivo Milev, USLMB, Bulgaria
Commission 7:	Ms. Gerda Schennach, OVG, Austria

Commission 8: Mr. Kwame Tenadu, GhIS, Ghana
Commission 9: Prof. Liao Jinping (Patrick), CIREA, China PR
Commission 10: Mr See Lian Ong, RICS, United Kingdom
Young Surveyors Network: Ms. Eva-Maria Unger, OVG, Austria

Decision: The motion was adopted

28 ELECTION OF TWO VICE PRESIDENTS FOR 2015-2018

This General Assembly will elect two Vice Presidents for the term of office 1.1.2015-31.12.2018. The election took place between: Diane Dumashie, RICS, United Kingdom; Kate Fairlie, SSSI, Australia; John Hannah, NZIS, New Zealand; Mikael Lilje, Swedish Professionals for the Built Environment, Sweden; and Rudolf Staiger, DVW, Germany.

The elections took place at the second session of the General Assembly by blind votes one position at a time. If there was no absolute majority in the first round of voting, a second vote will be organised between those two candidates that have most votes.

74 votes were cast and the results of the ballot were as follows:

1st Vice President 1st vote:

- Candidate A (Diane Dumashie): 19/74
- Candidate B (Kate Fairlie): 7/74
- Candidate C (John Hannah): 3/74
- Candidate D (Mikael Lilje): 15/74
- Candidate E (Rudolf Staiger): 30/74

1st Vice President 2nd vote:

- Candidate 1 (Diane Dumashie): 28/74
- Candidate 2 (Rudolf Staiger): 46/74

2nd Vice President 1st vote:

- Candidate 1 (Diane Dumashie): 37/74
- Candidate 2 (Kate Fairlie): 10/74
- Candidate 3 (John Hannah): 1/74
- Candidate 4 (Mikael Lilje): 24/74
- Invalid: 2/74

2nd Vice president 2nd vote:

- Candidate A (Diane Dumashie): 39/74
- Candidate B (Mikael Lilje): 35/74

Motion: This General Assembly elects two Vice Presidents for the term 2015-2018.

Decision: The General Assembly elected Rudolf Staiger (DVW, Germany) and Diane Dumashie (RICS, United Kingdom) as Vice Presidents for FIG for the term 2015-2018.

29 ELECTION OF PRESIDENT 2015-2018

General Assembly to affirm the sole candidate, Ms Chryssy Potsiou, nominated by TCG, Greece by ballot. 74 votes were casted and the result was 62 votes in favour, 11 votes against and 1 invalid vote.

Motion: This General Assembly elects a president for the term 2015 – 2018.

Decision: The General Assembly elected Prof. Chryssy Potsiou as President for FIG for the term 2015-2018.

30 REPORTS FROM ASSOCIATION, AFFILIATE, ACADEMIC AND CORPORATE MEMBERS FORUM (IF ANY)

During the congress there was Member Association Forum, the Director General's/Affiliate Members Forum (in cooperation with UN-HABITAT/GLTN), Academic Members Forum (in cooperation with FAO) and Corporate Members Meeting. Brent Jones, ESRI, reported back to the General Assembly from the Corporate Members Meeting and FIG Commission 2 Chair-elect, Ms Liza Groenendijk provided a verbal report for the Academic Members Forum.

In addition, at the Joint FIG/UN-GGIM-AP Technical Sessions on Global Geodetic Reference Frame, a joint Statement was adopted. The UN-GGIM-AP/FIG Statement on Global Geodetic Reference Frame recognized the growing need for an accurate and stable Global Geodetic Reference Frame to support, *inter alia*, earth observation, including sea level and climate change monitoring, natural hazard and disaster management and a wide range of other activities in public and private sectors throughout the World, contributing towards inclusive social progress, environmental sustainability and economic development.

The Statement was adopted by the UN-GGIM-AP Executive Board at its meeting on 20th June during the XXV FIG Congress and urges -

- member states and their representatives within UN-GGIM-AP together with all member states and their representatives at the fourth session of the Committee of Experts on Global Geospatial Information Management, to support the approval of a draft resolution on Global Geodetic Reference Frame for Sustainable Development, and to submit to the 2013-14 session of the UN General Assembly for final adoption; and
- FIG member associations and all other membership groups of FIG, to take appropriate initiatives to inform and encourage the representatives of their respective countries to the fourth session of the Committee of Experts on Global Geospatial Information Management, to support the approval of the draft resolution on Global Geodetic Reference Frame for Sustainable Development and its submission to the UN General Assembly.

Appendix:

- Report from Corporate Members Meeting - Presentation by Brent Jones
- UN-GGIM-AP/FIG Statement on Global Geodetic Reference Frame

Motion: That the General Assembly records the report presented and adopts the Statement on Global Geodetic Reference Frame.

Decision: The reports presented were recorded and the General Assembly adopted the UN-GGIM-AP/FIG Statement on Global Geodetic Reference Frame by acclamation.

31 REPORTS FROM COMMISSIONS, NETWORKS AND TASK FORCES (IF ANY)

Commission Officers (ACCO), Commissions, Networks and Task forces had their annual and other administrative meetings in Kuala Lumpur. The incoming commission chairs reported back to the General Assembly on any issues that may need the endorsement of or are of general interest to the General Assembly.

Appendix: Reports from:

- Commission 3 – Presentation by Enrico Rispoli
- Commission 5 - Presentation by Prof. Volker Schwieger
- Commission 9 – Presentation by Prof. JinPing Liao
- Young Surveyors Network – Presentation by Eva-Maria Unger

Motion: That the General Assembly records the reports presented.

Decision: The General Assembly recorded the reports

32 REPORTS FROM PERMANENT INSTITUTIONS (IF ANY)

The permanent institutions had various activities during the congress and may report back to the General Assembly on any matters of general interest. IIHSM reported back on its History Symposium that was held Friday 20 June as part of the Congress. IIHSM Director and FIG Honorary Member Jan de Graeve requested General Assembly's concurrence to support on-going effort to accord UNESCO recognition for William Light's Adelaide City Plan, the basis of the founding, development and growth of the city. He also handed over a copy of that plan to FIG.

Motion: That the General Assembly records the report presented and considers IIHSM's effort for UNESCO recognition for William Light's Adelaide City Plan.

Decision: The reports presented were recorded and the General Assembly supported IIHSM's request by acclamation

33 REPORT FROM FIG FOUNDATION (IF ANY)

FIG Foundation board held their annual meeting during the Congress. The Foundation organized a special session on how to write a good grant application. FIG foundation had sponsored 8 young surveyors to the congress from various parts of the world. The candidates were selected from applications they had submitted. The participants were introduced to the General Assembly. Part of the support required each of them to present papers including on the future challenges for Young Surveyors at a special session.

Motion: That the General Assembly records the report including the 8 young surveyors sponsored by the Foundation

Decision: The motion was adopted and the General Assembly applauded the efforts of the FIG Foundation in encouraging and supporting young surveyors to be involved in FIG.

34 REPORT ON THE FIG WORKING WEEK 2016 IN CHRISTCHURCH, NEW ZEALAND

President Jeffrey Needham of NZIS and Simon Ironside, Chair of the Local Organising Committee gave a presentation on preparations of FIG Working Week 2016 that included a video.

Appendix:

- Presentation by NZIS
- Video on 2016 FIG Working Week

Motion: That the General Assembly records the report.

Decision: The motion was adopted

35 REPORT ON THE FIG WORKING WEEK 2015 IN SOFIA, BULGARIA

President Yanakiev Angel Krumov and Co-Conference Director Zlatan Zlatanov from the Chamber of Graduated Surveyors in Bulgaria gave a presentation on preparations of FIG Working Week 2015.

Appendix:

- Presentation by CGS, Bulgaria
- Video on 2015 FIG Working Week

Motion: That the General Assembly records the report.

Decision: The motion was adopted

36 OTHER MATTERS (WITH PRIOR NOTICE GIVEN TO COUNCIL)

FIG Council had received a request to table matters that may be of general interest to the General Assembly.

Jean-Yves Pirlot and John Hohol, CLGE and NSPS submitted a request to discuss their joint proposal on an “International Day of the Surveyor”. John Hohol introduced the matter and informed that it was changed to “International Week of the Surveyor”. The hope is to make this a Week for surveyors globally. The request is for FIG member associations and/or regional structures within FIG to similarly adopt that week in March as the “Week of the Surveyor” and for FIG to work towards an “International Week (or Day) of the Surveyor”.

Appendix:
Presentation on Global Surveyors Week

Motion: That the General Assembly records the report and considers the request made by CLGE and NSPS.

Decision: The report presented was recorded and the General Assembly supported the request that FIG do work towards an “International Week (or Day) of the Surveyor by acclamation.

37 PRESENTATION OF CERTIFICATES OF APPRECIATION

The President acknowledged all involved in the preparation, organizing and delivery of the XXV FIG Congress including the 37th FIG General Assembly. Certificates of appreciation were handed out including to the Principal Supporters and the four Platinum Sponsors. AALSM President Mohammad Azmi and Co-Congress Director Hasan Jamil accepted certificates of appreciation on behalf of the LoC.

CLOSING CEREMONY

The President presented his closing address that summarized the main outcomes of the XXV FIG Congress as well the four-year Council work plan. In his closing address, the President also announced that FIG has entered into a period of transition, from this current Council to the next, led by President-elect Chryssy Potsiou.

Appendix:

- Handouts of the President’s Closing Address.

At the closing ceremony the FIG banner was handed over by Mr. Mohammad Azmi Mohd Zin president of AALSM to Mr. Yanakiev Angel Krumov, President of the Chamber of Graduated Surveyors in Bulgaria and Co-Conference Director Zlatan Zlatanov. The FIG Working Week 2015 will be held in Sofia on 17-21 May 2015.

President CheeHai TEO adjourned the 37th FIG General Assembly at the XXV FIG Congress closing ceremony.

**37th General Assembly
Kuala Lumpur 16 and 21 June 2014**

Roll Call

	<u>MEMBER ASSOCIATIONS</u>	v o t e	16 June	21 June
1.	Algeria, People's Democratic Republic of Order of Land Surveyors Expert. (O.G.E.F), MA-10001	1	x	x
2.	*) Argentina Federación Argentina de Agrimensores FADA, MA-10002			
3.	Australia Surveying and Spatial Sciences Institute SSSI, MA-10004	2	x	x
4.	Austria Austrian Society for Surveying and Geoinformation OVG, MA-10005	1	x	x
5.	Bahamas Bahamas Association of Land Surveyors, BALS, MA-10006	1		
6.	Belarus Land Reform Association, MA-10007	1		
7.	Belgium Union Belge des Géomètres-Experts Immobiliers, MA-10008	1	x	x
8.	Benin Ordre des Géomètres Experts du Benin, MA-10113	1		x
9.	Bosnia-Herzegovina Geodetic Association of Herceg-Bosnia, MA-10112	1		
10.	Botswana surveying and mapping organization reinstated 16 June 2014	1		x
11.	Brazil Sociedade Brasileira de Cartografia, Geodésia, Fotogrametria e Sensoriamento Remoto, MA-10011	1		
12.	Brunei Darussalam Brunei Institution of Geomatics, BIC, MA-10012	1		x
13.	Bulgaria Union of Surveyors and Land Managers in Bulgaria, MA-10013	1	x	x
14.	Bulgaria Chamber of Graduate Surveyors, MA-10108	1	x	x
15.	Burkina Faso Association des Géomètres et Topographes du Burkina AGT-B, MA-10014			
16.	Cameroon Ordre National des Geometres du Cameroun OGEC (National Order of Cameroon Surveyors NOCS), MA-10015			
17.	Canada Canadian Institute of Geomatics CIG, MA-10016	1	x	x
18.	China P.R. Chinese Society of Survey, Mapping & Geoinformation, MA-10017	2	x	x
19.	China P. R. China Institute of Real Estate Appraisers and Agents CIREA, MA-10102	2	x	x
20.	China P. R. China Land Science Society CLSS, MA-10120 (2)		x	x
21.	Costa Rica Colegio de Ingenieros Topógrafos de Costa Rica CFIA, MA-10019			
22.	Croatia Croatian Geodetic Society HGD, MA-10020			

23.	Congo, Democratic Republic of Federation of Geometers and Surveyors – Congo, MA-10101	1	x	x
24.	Cyprus Association of Rural Surveying Engineers of Cyprus, MA-10022			
25.	Cyprus Cyprus Association of Property Valuers, MA-10111	1		
26.	Czech Republic Czech Association of Certified Property Appraisers CSCOM, MA-10023	1	x	x
27.	Czech Republic Czech Union of Surveyors and Cartographers CSVTS, MA-10024	1	x	x
28.	Denmark Den danske Landinspektørforening DdL, MA-10025	2	x	x
29.	Egypt Egyptian Committee of Surveying and Mapping ECSM, MA-10026			
30.	Estonia Eesti Geodeetide Ühing EGÜ (Association of Estonian Surveyors), MA-10027	1		
31.	Ethiopia Ethiopian Surveying Professionals Association (ESPA), MA-10115	1		
32.	Fiji Fiji Institute of Surveyors, MA-10028			x
33.	Finland Suomen Maanmittausinsinöörien Liitto MIL (The Finnish Association of Surveyors), MA-10029	1	x	x
34.	Finland Maanmittausalan ammattikorkeakoulu- ja opistoteknisten Liitto MAKLI ry, MA-10030	1	x	x
35.	France Ordre des Géomètres-Experts OGE, MA-10031	2	x	x
36.	France Association Française de Topographie AFT, MA-10032	1	x	x
37.	Gabon Association des Professionnels de l'Ingenierie Topographique du Gabon, APIT-Gabon, MA-10122	1		
38.	Georgia Society of Professionals of Land Information Technologies SPLIT, MA-10099	1	x	
39.	Germany DVW – Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement, MA-10033	3	x	x
40.	Ghana Ghana Institution of Surveyors GhIS, MA-10034	1	x	x
41.	Greece Technical Chamber of Greece TEE, MA-10035	2	x	x
42.	Hong Kong SAR, China The Hong Kong Institution of Engineering Surveyors HKIES, MA-10100	1		
43.	Hungary Hungarian Society of Surveying, Mapping and Remote Sensing MFTTT, MA-10038	1	x	x
44.	Indonesia Ikatan Surveyor Indonesia ISI, MA-10039			
45.	***) Iran, Islamic Republic of Iranian Professional Society of Surveying Engineers (ISS), MA-10040		x	
46.	Ireland The Irish Institution of Surveyors IIS, MA-10042	1		
47.	Israel Association of Licensed Surveyors in Israel ALSI, MA-10043	1		
48.	Italy Consiglio Nazionale Geometri e Geometri Laureati CNGeGL, MA-10044	3	x	x
49.	Jamaica The Land Surveyors Association of Jamaica LSAJ, MA-10045	1		x
50.	Japan Nippon Sokuryosha Renmei		x	x

	(Japan Federation of Surveyors JFS), MA-10046	1		
51.	Kenya Institution of Surveyors of Kenya ISK, MA-10047	1	x	x
52.	Korea, Republic of Korea Confederation of Surveyors, MA-10048	1	x	x
53.	Kosovo Kosova Association of Surveyors, MA-10049	1	x	x
54.	Latvia Latvian Associations of Surveyors LMB, MA-10050	1	x	
55.	Lebanon Ordre des Géomètres-Topographes du Liban, MA-10051	1	x	x
56.	Liberia Cadastral Surveyors Association of Liberia CASUAL, MA-10119			
57.	Lithuania Lithuanian Association of Surveyors LMA , MA-10053			
58.	Luxembourg Ordre Luxembourg des Géomètres OLG, MA-10054	1		
59.	Malaysia Association of Authorised Land Surveyors Malaysia AALSM, MA-10055	1	x	x
60.	Mali Ordre des Geometres Experts du Mali OGE, MA-10117	1		
61.	Malta The Malta Institution of Surveyors, MA-10056	1	x	x
62.	Mongolia Mongolian Association of Geodesy and Cartography MAGaC, MA-10098	1		
63.	Morocco Ordre National des Ingénieurs Géomètres-Topographes ONIGT, MA-10059	1	x	x
64.	Nepal Nepal Institution of Chartered Surveyors, MA-10110	1	x	x
65.	Netherlands, The Geo-Information Netherlands, MA-10060	2	x	x
66.	New Zealand New Zealand Institute of Surveyors NZIS, MA-10061	1	x	x
67.	Nigeria Nigerian Institution of Surveyors NIS, MA-10062	2	x	x
68.	Nigeria The Nigerian Institute of Quantity Surveyors NIQS, MA-10063			
69.	Nigeria Nigerian Institution of Estate Surveyors and Valuers NIESV, MA-10118	1		x
70.	Norway Norges Jordskifte kandidatforening NJKF, faglig gruppe af Tekna and GeoForum, MA-10064	2	x	x
71.	Palestinian Authority Licensed Surveyors Association in Palestine, MA-10065			
72.	Papua New Guinea Association of Surveyors of Papua New Guinea ASPGN, MA-10066	1	x	x
73.	*) Philippines , Geodetic Engineers of the Philippines, Inc., MA-10107			
74.	Poland Stowarzyszenie Geodetow Polskich SGP Association of Polish Surveyors, MA-10067	1	x	x
75.	Portugal Order of Engineers - College of Geographical Engineering, MA-10068	1	x	x
76.	*) Puerto Rico, USA Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR College of Engineers and Land Surveyors of Puerto Rico, MA-10069			

77.	Romania Union of Romanian Geodesy, MA-10070	1	x	x
78.	Romania Romanian Association of Private Surveyors APCGCR, MA-10105	1	x	x
79.	Russian Federation Federal Service of State Registration, Cadastre and Cartography (Rosreestr), MA-10071	2		
80.	Russian Federation None commercial partnership “Self-regulated organization of activity of cadastral engineers”, MA-10121	1		
81.	Senegal Ordre National des Géomètres Experts du Senegal (ONGES), MA-10116	1		
82.	Serbia, Republic of Union of Surveying Engineers of Serbia, MA-10072	1		
83.	Slovak Republic Slovak Union of Surveyors and Cartographers, MA-10074	1		
84.	Slovak Republic Chamber of Surveyors and Cartographers KGK, MA-10075	1	x	x
85.	Slovenia Association of Surveyors of Slovenia ZGS, MA-10076	1		
86.	South Africa, Republic of South African Council for Professional and Technical Surveyors PLATO, MA-10077	1	x	x
87.	Spain Colegio Oficial de Ingenieros Técnicos en Topografía, MA-10078			
88.	Sri Lanka Surveyors’ Institute of Sri Lanka, MA-10079	1	x	x
89.	**) St. Lucia The Institute of Surveyors, St. Lucia, Inc. ISSL (MA-10123)	1		
90.	Sweden Swedish professionals for the built environment, MA-10080	2	x	x
91.	Switzerland geosuisse - Swiss Society of Geomatics and Landmanagement, MA-10081	1	x	x
92.	***) Syria Order of Syrian Engineers and Architects OSEA, MA-10082			
93.	Togo Ordre des Géomètres du Togo OGT, MA-10084	1		
94.	Trinidad and Tobago Institute of Surveyors of Trinidad and Tobago, MA-10085	1	x	x
95.	Tunisia Association Nationale des Ingenieurs Géomètres-Experts Tunisiens ANIGET, MA-10086		x	
96.	Turkey TMMOB Chamber of Surveying Engineers of Turkey, MA-10087	2	x	x
97.	Ukraine Ukrainian Society of Geodesy and Cartography, MA-10088			
98.	United Kingdom Chartered Institution of Civil Engineering Surveyors ICES, MA-10090	1	x	x
99.	United Kingdom The Royal Institution of Chartered Surveyors RICS, MA-10091	3	x	x
100.	United States of America National Society of Professional		x	x

	Surveyors (NSPS), MA-10092	2		
101.	Uruguay Asociacion de Agrimensores del Uruguay, MA-10094	1		
102.	Vietnam Association of Geodesy, Cartography and Remote Sensing VGCR, MA-10095	1	x	x
103.	Zimbabwe Survey Institute of Zimbabwe SIZ, MA-10097	1		
	<p>*) to be expelled 16 June 2014</p> <p>**) membership to be approved 16 June 2014</p> <p>***) suspended membership</p> <p>Not able to vote</p> <p>2 votes</p> <p>3 votes</p>		56/101	58/101
	<u>AFFILIATES</u>			
1.	Afghanistan, Afghanistan Information Management Services (AIMS), AF-20038			
2.	Albania Central Office of Immoveable Property Registration – IPRO AF- 20049			
3.	Argentina (Consejo Federal De Catastro De La Republica Argentina (C.F.C)), AF-20047			
4.	Azerbaijan, State Committee for Land and Cartography, State Aero-geodesy Corporation, AF-20048			
5.	Australia and New Zealand (ANZLIC), AF-20001			
6.	Belgium (General Administration of the Patrimonial Documentation), AF-20002			
7.	Brunei Darussalam (Survey Department) AF-20003			
8.	Cambodia, Kingdom of (Ministry of Land Management, Urban Planning and Construction), AF-20004			
9.	Chile (Servicio Hidrográfico y Oceanográfico de la Armada de Chile), AF-20005			
10.	China P. R. (China Land Surveying and Planning Institute), AF-20043			
11.	Colombia (Instituto Geográfico Agustín Codazzi, IGAC), AF-20006			
12.	Colombia (Alcaldía Mayor de Bogotá DC), AF-20046			
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17.	Finland (National Land Survey of Finland), AF-20030			
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19.	Iceland (The Land Registry of Iceland), AF-20010			
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21.	Iraq, Republic of (General Directorate for Surveying, Ministry			

	of Water Resources), AF-20031			
22.	Israel (Survey of Israel), AF-20040			
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28.	Mongolia (Administration of Land Affairs, Geodesy & Cartography), AF-20018			
29.	Namibia (Office of the Surveyor General), AF-20013			
30.	Nepal (Survey Department, Government of Nepal), AF-20021			
31.	Netherlands, The (Cadastre, Land Registry and Mapping Agency), AF-20025			
32.	Norway (Norwegian Mapping and Cadastre Authority), AF-20023			
33.	Romania (National Agency for Cadastre and Land Administration), AF-20020			
34.	Russian Federation (Siberian State Academy of Geodesy), AF-20029			
35.	Rwanda, Republic of (Ministry of Lands, Resettlement and Environment), AF-20016			
36.	Saudi Arabia, Kingdom of (Ministry of Municipal and Rural Affairs), AF-20017			
37.	Saudi Arabia General Commission for Survey (GCS), General Director for General Directorate of Geodesy and Land Survey (GLS)			
38.	Sri Lanka (Survey Department, Sri Lanka), AF-20044			
39.	Sweden (Lantmäteriet), AF-20027			
40.	Switzerland (Swiss Federal Office of Topography, swisstopo), AF-20033			
41.	USA (NOAA, National Geodetic Survey), AF-20024			
42.	USA (Cadastral Survey Bureau of Land Management, Dept. of the Interior, BLM), AF-20037			
			/42	/
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1.	Madagascar			
2.	Thailand			
3.	Tonga			
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2.	Australia RMIT University, AC-40003			
3.	Australia University of New South Wales, AC-40004			
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7.	Belgium University of Applied Sciences Kaho Sint-Lieven, AC-40009			
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10.	Belgium Antwerp Maritime Academy, AC-40123			
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38.	Hong Kong SAR, China The Hong Kong Polytechnic University, AC-40033			
39.	Hungary University of West Hungary, AC-40034			
40.	Ireland Dublin Institute of Technology, AC-40031			
41.	Israel Technion – Israel Institute of Technology, AC-40104			
42.	Jamaica University of Technology Jamaica, AC-40037			
43.	Kazakhstan East Kazakhstan State Technical University, AC-40112			
44.	Kazakhstan Kazakh National Technical University after K. I. Satpaev, AC-40125			
45.	Kosovo University of Prishtina, AC-40116			
46.	Latvia Riga Technical University, AC-40090			
47.	Lebanon Lebanese Canadian University, AC-40130			
48.	Lebanon Lebanese International University, LIU, AC-40130			
49.	Malaysia Universiti Teknologi Malaysia, Department of Geomatics Engineering, AC-40041			
50.	Mexico Universidad Autónoma de Nuevo León, AC-40101			
51.	Morocco IAV, Institut Agronomique et Vétérinaire Hassan II, AC-40118			
52.	Nepal Land Management Training Centre, AC-40089			
53.	Netherlands, The ITC International Institute for Geo-Information Science and Earth Observation, AC-40046			
54.	New Zealand University of Otago, AC-40047			
55.	Nigeria University of Lagos, AC-40049			
56.	Nigeria Nnamdi Azikiwe University, AC-40050			
57.	Nigeria Abia State Polytechnic, AC-40121			
58.	Norway Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology, AC-40052			
59.	Norway Bergen University College, AC-40113			
60.	Palestine Authority Palestine Polytechnic University, AC40099			
61.	Poland Agricultural University of Krakow, AC-40054			
62.	Puerto Rico, USA Universidad de Puerto Rico, AC-40055			
63.	Puerto Rico, USA Polytechnic University of Puerto Rico, AC-40056			
64.	Romania 1 Decembrie 1918 University of Alba Iulia, AC-40058			
65.	Russian Federation Moscow State University of Geodesy and Cartography, Economic and Land Management, AC-40060			
66.	Russian Federation State University of Land Use Planning, AC-40061			
67.	Rwanda, Republic of INES-Ruhengeri, AC-40131			
68.	Saudi Arabia, Kingdom of "TECRS" The Environmental Center of Remote Sensing, AC-40117			

69.	Senegal , University of Thies, UFR Science of engineering			
70.	Serbia, Republic of University of Novi Sad, Faculty of Technical Sciences, AC-40097			
71.	Slovenia University of Ljubljana, AC-40062			
72.	South Africa, Republic of University of Cape Town, AC-40063			
73.	Spain Universidad Politécnica de Madrid, AC-40064			
74.	Spain Universidad de Jaen, AC-40122			
75.	Sweden Lund University LTH, AC-40068			
76.	Sweden Royal Institute of Technology, AC-40067			
77.	Switzerland University of Applied Sciences Northwestern Switzerland, AC-40069			
78.	Trinidad and Tobago University of the West Indies, AC-40085			
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80.	Uganda Makerere University, AC-40119			
81.	United Kingdom Kingston University, AC-40073			
82.	United Kingdom The University of Nottingham, AC-40078			
83.	United Kingdom Oxford Brookes University, AC-40074			
84.	United Kingdom Reading University , AC-40110			
85.	United Kingdom Sheffield Hallam University, AC-40076			
86.	United Kingdom University of the West of England, AC-40079			
87.	USA New Mexico State University, AC-40081			
88.	USA Texas A&M University – Corpus Christi, AC-40084			
89.	USA University of Houston, AC-40108			
90.	Multinational UNIGIS International Association, AC-40120			
			/89	/
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1.	Bentley Systems, CM-30035			
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3.	Leica Geosystems AG, CM-30002			
4.	Trimble Navigation Ltd., CM-30005			
	Category C - Silver level			
5.	COWI A/S, CM-30011			
6.	Geoweb S.p.A., CM-30043			
7.	Meridian+, CM-30049			
8.	The State Enterprise “State Land Cadastre Centre”, Ukraine CM-30054			
9.	Thomson-Reuters, CM-30024			
	Category D - Bronze level			
10.	GIM International – Geomares Publishing, CM-30012		x	x
11.	KQ Geo Technologies, CM-30050			
12.	SEPRET (Société des Etudes de Projets et Réalisation des Travaux), CM-30031			

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13.	Derinsu Underwater Engineering Ltd., CM-30038			
14.	Global Survey Qatar, CM-30047			
	Category F - Regional level			
15.	Cameroon Engineering, CM-30027			
16.	Concord Surveying Works Co., CM-30048			
17.	Coordinates Magazines, CM-30042			
18.	Geo:connexion, CM-30018			
19.	ISQ Portugal, CM-30051			
20.	JKO Surveyors & Consultants (Pvt) Ltd, Sri Lanka CM-30053			
21.	MundoGEO, Brazil, CM-30052			
22.	ORBITS Engineering Firm, CM-30036			
			/22	/
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	Juha Talvitie		X	X
	Bob Foster		X	X
	Stig Enemark		X	X
	HONORARY MEMBERS			
	Paul van der Molen		X	X
	Helge Onsrud		X	X
	COMMISSION CHAIRS 2011-2014			
	Commission 1 – Leonie Newnham		X	X
	Commission 2 – Steven Frank		X	X
	Commission 3 – Yerach Doytsher			
	Commission 4 – Michael Sutherland		X	X
	Commission 5 – Mikael Lilje		X	X
	Commission 6 – Gethin W. Roberts		X	X
	Commission 7 – Daniel Roberge		X	X
	Commission 8 – Wafula Nabutola		X	X
	Commission 9 – Frances Plimmer		X	X
	Commission 10 – Robert Šinkner		X	X
	Young Surveyors Network		X	X
	Standards Network		X	X
	PERMANENT INSTITUTIONS			
	International Office of Cadastre and Land Records (OICRF)		X	
	International Institution for the History of Surveying and Measurement, Permanent Institution of FIG		X	X
	FIG FOUNDATION – President John Hohol		X	X
	FIG COUNCIL			
	President CheeHai Teo		X	X
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FIG **KUALA LUMPUR 2014** **XXV FIG Congress** **37th General Assembly**

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16 - 21 JUNE 2014, MALAYSIA

Agenda Item 8:
President’s Report to the General Assembly

Included
Agenda Item 16:
Cooperation with the United Nations and the World Bank
Agenda Item 17:
Liaison with International Professional Organizations

		<p>37th General Assembly</p>
<p>FIG Administration</p>		
<p>The current staffing of the FIG Office is as follows:</p>		
<p>Louise Friis-Hansen, FIG Manager</p>		
<p>Hanne Elster, FIG Office and Events Coordinators</p>		
<p>Claudia Stormoen, FIG Office and Events</p>		
<p>Maria Bargholz, FIG bookkeeper (part time)</p>		
<p><i>Markku Villikka (FIG Director until 31st July 2013)</i></p>		
<p><i>Julie Hyun Sook LEE's (FIG Development Coordinator, until February 2014)</i></p>		
		

		<p>37th General Assembly</p>
		
<p>We, the participants of the Fédération Internationale des Géomètres (FIG) Pacific Small Island Developing States Symposium with the theme “Policies and Practices for Responsible Governance” held at the Novotel Lami Bay Conference Centre, Suva, Fiji on 18th – 20th September 2013, having met in the context to share knowledge, promote understanding and to enhance cooperation for the responsible governance of tenure of land, fisheries and forest, of geospatial infrastructure and information, hereby issue this</p>		
<p style="text-align: center;">Suva Statement on Spatially Responsible Governance</p>		
<p>Recognizing Small Island Developing States in the Pacific are unique in their situation and with particular vulnerabilities, remain a special case for sustainable development.</p>		



Engaging the Membership and Visits

- *2013 South East Asian Survey Congress*, 18 – 20 June 2013, Manila, The Philippines.
- *2013 New Zealand Institute of Surveyors Conference*, 28 – 31 August 2013, Dunedin, New Zealand. (The Conference was also in celebration of the 125th anniversary of NZIS as well as the 50th Anniversary of the National School of Surveying, University of Otago. With the theme “Celebrating the Past - Redefining the Future”)
- *2013 SSSI Victoria Spatial Summit*, 12 – 13 September, Melbourne, Australia.
- *5th FIG International Land Administration Domain Model Workshop*, 24 – 25 September 2013, Kuala Lumpur, Malaysia
- *19th InterGEO Trade Fair and Conference*, 8 – 11 October 2013, Essen, Germany.
- *10th National Representative Assembly of the Chinese Society of Geodesy, Photogrammetry and Cartography (GSGPC)*, 10 – 12 October 2013, Beijing, PR China.
- *1st FIG Young Surveyors European Meeting*, 17 & 18 October 2013, Lisbon, Portugal



Engaging the Membership and Visits

- *2013 FGF General Assembly, FIG Commission 7 Annual Meeting and International Symposium on “Land Policies and Land Governance”*, 21 – 25 October 2013, Yaounde, Cameroon.
- *6th National Geospatial Symposium*, 17 – 18 March 2014, Putrajaya, Malaysia
- *CLGE General Assembly* held on 21-22, March 2014, Marbella, Spain.
- *1st FIG Young Surveyors North American Meeting*, 14 & 15 April 2014, San Diego, United States
- *10th Interexpo GeoSiberia*, 16 – 18 April 2014, Novosibirsk, Russian Federation
- *UNECE Working Party on Land Administration Spring 2014 Workshop and Meetings*, 21 – 23 May 2014, Copenhagen, Denmark
- *Hong Kong Polytechnic University Land Surveying and Geo-Information Department 30th Anniversary Celebrations and Symposium*, 29 May 2014, Hong Kong SAR.





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Engaging the Membership and Visits

The FIG Office received a *visiting delegation from MAKLI*, Finland on 4 October 2013 and periodically, visitors from FIG member organisations.

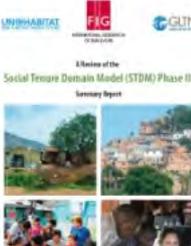
FIG President visited *Geo-Information Netherlands (GIN), Dutch Kadaster, University of Twente/ITC* (14 & 15 November 2013), *Siberian State Academy of Geodesy, Novosibirsk* on 15 April 2014 and *Hong Kong Polytechnic University/Department of Land Surveying and Geo-Information* on 29 April 2014.



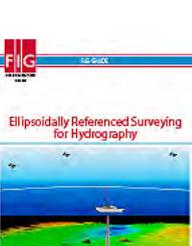


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Social Tenure Domain Model (STDN) Phase II
 Summary Report



Ellipsoidally Referenced Surveying for Hydrography



CADASTRE 2014 and Beyond



The Africa Task Force



Cost Effective GNSS Positioning Techniques



Fit-For-Purpose Land Administration



International Boundary Making



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World Bank Group



United Nations Department of Economic and Social Affairs (UN DESA)

Food and Agriculture Organization of the United Nations (FAO)
 United Nations Human Settlement Program (UN-Habitat)
 United Nations Global Geospatial Information Management (GGIM)
 United Nations Office for Outer Space Affairs (UNOOSA)
 United Nations Cartographic Section (Department of Field Support)(UNCS)

United Nations Economic Commission for Europe (UNECE)
 United Nations Economic Commission for Africa (UNECA)
 United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

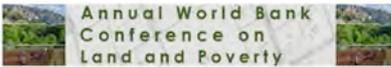
United Nations Conference on the Standardization of Geographic Names
 United Nations Regional Cartographic Conferences (UNRCC)

Global Land Tool Network (GLTN) (facilitated by UN-Habitat)
International Organization for Standardization (ISO)



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Integrating Land Governance into the Post-2015 Agenda
 Harnessing Synergies for Implementation and Monitoring Impact
 Annual World Bank Conference on Land and Poverty Washington DC, March 24-27, 2014

Joint World Bank and International Federation of Surveyors
Spatial Innovation and Good Practices in Land Administration Forum
 March 28, 2014, World Bank, Washington DC





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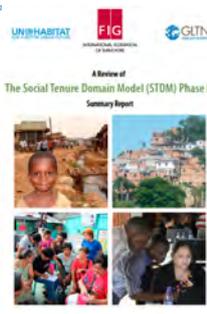
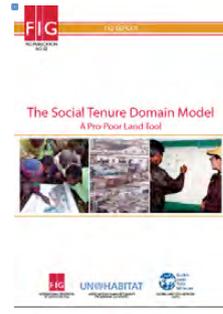
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A Review of the Social Tenure Domain Model (STDM) Phase II Summary Report

Reviewers affirmed the five crucial elements of the STDM - its flexibility, simplicity, affordability, inclusivity and its advocacy for good governance.

The focus of the STDM has been and will continue to be about relationships between people and land, independently from the level of formalization, or legality of those relationships.

(FIG, 2014)







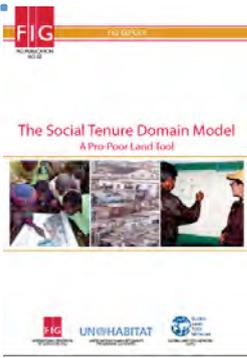


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**Social Tenure Domain Model
Training of Trainers Workshop**
 13 – 16 June, 2014,
 Kuala Lumpur, Malaysia









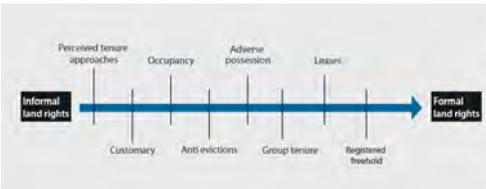


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Continuum of Land Rights and Increasing Urban Tenure Security

There is the growing acceptance of the continuum of land rights and of alternative forms of tenure, all part of a fundamental paradigm shift in the global understanding and approaches to land.



Valuation of Unregistered Land and Properties (VaLURL)

The key objective of this new initiative is to research and then consider and develop approaches and alternatives to support the appraising or valuation of unregistered land and properties.









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UN-GGIM – Global Geodetic Reference Frame Working Group

UN RESOLUTION
The UN Committee of Experts on Global Geospatial Information Management (UN-GGIM) decided in July 2013 to formulate and facilitate a draft resolution for a global geodetic reference frame.

UN-GGIM recognises the growing demand for more precise positioning services, the economic importance of a global geodetic reference frame and the need to improve the global cooperation within geodesy. The resolution will be tabled at the 2013-14 Session of the UN General Assembly.

How geodesy contributes to strengthen the study of our changing planet

Measuring the planet

Through geodesy, we measure and define the Earth's shape, rotation and gravitational field and changes to these.

Geodesy is fundamental for monitoring changes to the Earth including the continents, ice caps, oceans and the atmosphere. Geodesy is also fundamental for mapping, navigation and universal timing.






EARTH IS A DYNAMIC PLANET and is in constant motion. We monitor the different processes which cause these motions.

Greg Scott, UN-GGIM, WB/FIG – Washington DC, 2014)





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7th Session of the Open Working Group on Sustainable Development Goals




The Role of Geospatial Information in Measuring and Monitoring the Sustainable Development Goals
 Disaster risk reduction, sustainable development, and global urbanization

- The SDGs will depend on human and physical geography. In order to measure and monitor change and progress you must have access to fundamental and consistent geospatial information - geography.
- Not all targets will be equal and will require different means of measure. Indicators will need to be linked to the targets and be well defined, measurable over time, cost effective and clearly and easily communicated.
- There will be a need to create a network of consistent global data - reliable geospatial information - to measure and monitor trends, change and progress over time in a standardized manner.



UN-GGIM | United Nations Initiative on Global Geospatial Information Management | ggim.un.org

Greg Scott, UN-GGIM, WB/FIG – Washington DC, 2014





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United Nations Global Geospatial Information Management

Third Session of the United Nations Committee of Experts on Global Geospatial Information Management, 24 – 27 July, 2013, Cambridge, United Kingdom

“Critical issues relating to the integration of land and marine geospatial information”

FIG prepared and submitted a background document that was referred to when the Committee of Experts considered this issue. (The background paper was jointly authored by FIG President, Mikael Lilje (FIG Commission 5) and Jerry Mills (FIG Commission 4))

“Statement of Shared Principles for the Management of Geospatial Information”

The establishment of a working group was requested by the UN-GGIM at its third Session in its decision 3/108, “development of a shared statement of principles on the management of geospatial information”. FIG is a member of the “Working Group on Development of a Statement of Shared Principles”, the overall objective is to prepare a preliminary proposal for a set of shared principles on the management of geospatial information.

How can you measure and monitor sustainable development...



...without location and geography



UN-GGIM | United Nations Initiative on Global Geospatial Information Management | ggim.un.org



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Food and Agriculture Organization of the United Nations

The FAO Technical and Awareness Raising Workshop on the Voluntary Guidelines on Responsible Governance, 13 – 15 August 2013, Bangkok, Thailand

The Workshop is part of FAO's strategy to raise awareness on the Voluntary Guidelines and to discuss the implementation and use, particularly at the national and local levels. The regional focus of this Workshop is Asia.. FIG supported the Workshop and a presentation "The International Federation of Surveyors and the Voluntary Guidelines" was made on the first day of the Workshop. [Workshops in Bogota, Columbia, September 2013 and Sofia, Bulgaria where FIG had suggested our local membership there for FAO's consideration]



FIG Pacific Small Island Developing States Symposium
Policies and Practices for Responsible Governance
FIG **Fiji 18-20 September 2013**



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United Nations Regional Cartographic Conference for the Americas

The 10th United Nations Regional Cartographic Conference for the Americas was held from 19 – 23 August 2013, New York

The theme was "*UN-GGIM and the Americas: Addressing global challenges through geospatial information*". UNRCC-Americas provides a regional forum to address their common challenges and share experiences and expertise in the field of surveying and mapping, cartography, hydrography, remote sensing, land and geospatial information systems. FIG contributed with a presentation on Spatially Enabled Society and posed to the Conference a question, whether UN-GGIM and its regional structures will be the intergovernmental mechanism for the location and geography needed for "realizing the future we want for all"?

United Nations Office for Outer Space Affairs (UNOOSA)

The eight meeting of the International Committee on GNSS (ICG-8), 10-14 November 2013, Dubai, UAE was attend by Mikael Lilje, Chair FIG Commission 5 who is also FIG's representative to UNOOSA and ICG. UNOOSA supported the IAG/ICG/FIG Technical Seminar on Reference Frame in Practice held in Manila, The Philippines in 2013.



United Nations Economic and Social Commission for Asia and the Pacific

UNESCAP working with FAO, UN-HABITAT Regional Office for Asia Pacific (UNHABITAT-ROAP) with the support of the World Bank, GLTN and FIG is intending to embark on a regional land tenure initiative for Asia and the Pacific. It has to be appreciated that Asia and the Pacific as a region has geographical scope that stretches from Turkey in the west to the Pacific island nation of Kiribati in the east, and from the Russian Federation in the north to New Zealand in the south, the region is home to 4.1 billion people, or two thirds of the world's population. The region is diverse on all counts, to say the least.




United Nations Economic Commission for Europe (UNECE)

FIG attended the meeting of international agencies working in land administration and land management convened by UNECE-WPLA Chair on 21 May 2014, Copenhagen, Denmark. FIG participated in the WPLA Workshop with the theme "The Socioeconomic Potential of Land Administration Services" hosted by the Danish Geodata Agency and the Government of Denmark, 22 – 23 May 2014. At the Workshop, FIG represented GLTN and the Partners working on CoFLAS initiative, and made a presentation on CoFLAS.







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The European Parliament

The European Parliament organized a high-level conference on "Property Rights: The missing key to eradicating poverty", 9 April 2014, European Parliament, Brussels, Belgium. FIG was invited to this high-level conference, to address on "Improving Land Governance in practice" and be part of the panel discussion. Honorary President Stig Enemark and Jean-Yves Pirlot, CLGE and UBGE President, presented FIG. Nirj Deva MEP, Vice President of the Development Committee and Andris Piebalgs, European Commissioner for Development, jointly convened the conference.



The Missing Key to Eradicate Poverty
High Level Conference on Property Rights, European Parliament, 9 April 2014





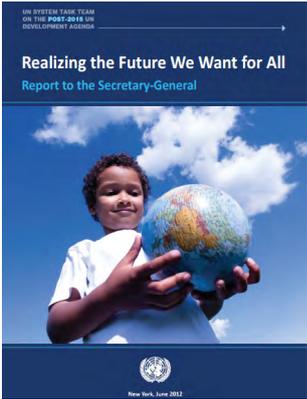


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- Global Spatial Data Infrastructure (GSDI) Association
- IEEE Geoscience and Remote Sensing Society (IEEE-GRSS)
- International Association of Geodesy (IAG)
- International Cartographic Association (ICA)
- **International Federation of Surveyors (FIG)**
- International Geographical Union (IGU)
- International Hydrographic Organization (IHO)
- International Map Industry Association (IMIA)
- International Society of Photogrammetry and Remote Sensing (ISPRS)
- International Steering Committee for Global Mapping (ISCGM)

	 <p>XXV FIG Congress "Engaging the Challenges, Enhancing the Relevance" 16 - 21 JUNE 2014, MALAYSIA</p>	<p>37th General Assembly</p>
 <p>UN SYSTEM TASK TEAM ON THE POST-2015 UN DEVELOPMENT AGENDA</p> <p>Realizing the Future We Want for All Report to the Secretary-General</p> <p>New York, June 2012</p>	<h1>Thank You</h1>	<p>Fédération Internationale des Géomètres International Federation of Surveyors Internationale Vereinigung der Vermessungsingenieure</p>
<p>Kalvebod Brygge 31-33 DK-1780, Copenhagen V, Denmark Tel: +45 3886 1081; Fax: +45 3886 0252 url: www.fig.net</p>		



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

Finance Report

Chryssy Potsiou, Vice President

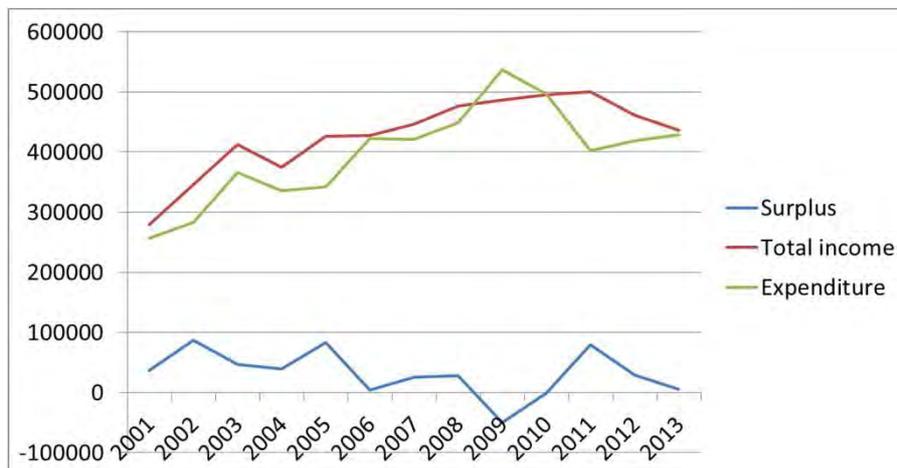
**FIG General Assembly
16 June 2014, Kuala Lumpur Malaysia**

This presentation

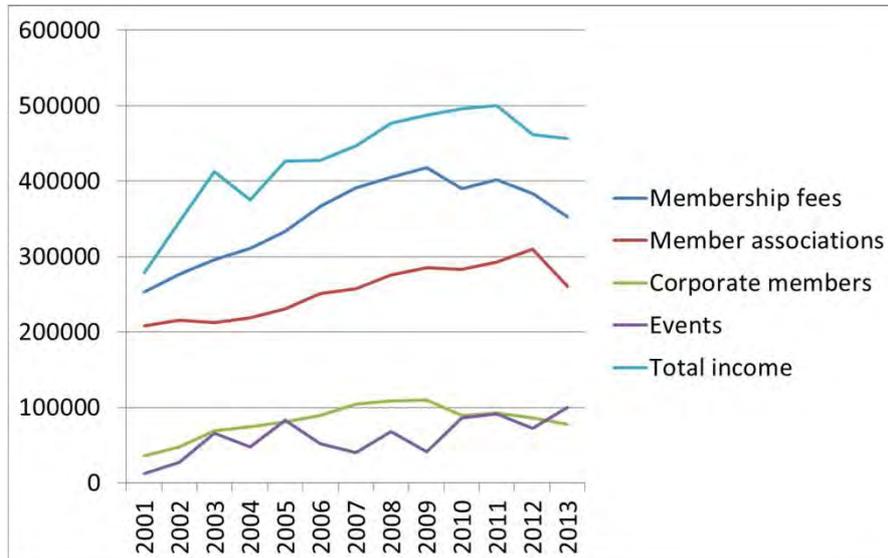
- Overall financial situation in 2013
 - Adopt audited accounts (09 A)
- Member Association subscriptions 2016 (10)
- Budgets for 2014-17 (09 C)

Overall situation and trends

FIG financial overview 2001-2013



Income over time



Financial performance 2013 (1)

- Subs income lower than 2012 and below budget:
 - Mainly lower income from member associations
 - All other categories close to budget
 - Further accounting provision for doubtful debt from subscriptions
- Income from conferences higher than expected
 - most income registered in regular income
 - savings in costs
- Postponement of developmental activities

Financial performance 2013 (2)

- Admin costs lower than budget – and even lower than 2012 costs – tight control
- Lower interest
- Unfortunate USD exchange rate
- Council costs tightly controlled, travels carefully controlled – higher activity than 2012
- Result on regular activity much over budgeted
- [Annex B to GA finance paper - summary 2011 and 2012 results.xls](#)

2013 Accounts

Annex A – [FIG 2013.pdf](#)

2013 accounts

- Annex 09A
- Auditors' opinion – true and fair view
- Surplus for the year on ordinary activity of €5,738 (budget -63,250)
- Subscription arrears at year end of € 135,987 (2012 - €153,710) – much too high – although many reminders - members can help
- New: introduction of IT reserve on € 25,000
- **Motion: that the GA adopts the audited accounts for 2013**

Subscriptions – agenda item 10

Subscriptions

- Maximum level from 2010 – 5,500 members
- Minimum level from 2010 – the greater of 20 members and €50

- 2016 – no change proposed

Proposed 2016 subscriptions

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2015	4.48 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (24,640 €)
2016	4.48 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.24 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (24,640 €)

**Motion: that the GA approves the
member association subscription
rates for 2016**

FIG budget 2014-17

[Annex C to GA finance paper -
summary 2014-17 budgets.xls](#)

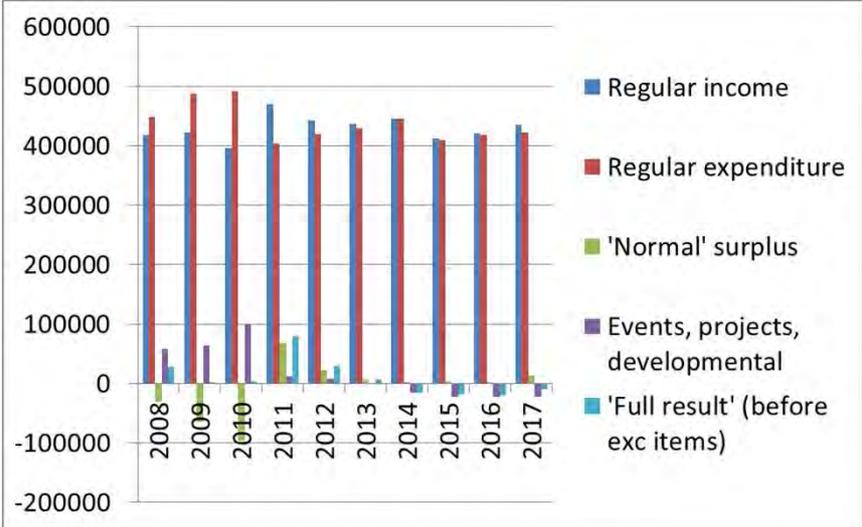
Key measures

- Regular income exceeds regular expenditure each year
- An overall surplus is returned over the 4-year period
- General reserve is 90-100% of regular annual expenditure [using 4-year averaging of expenditure]

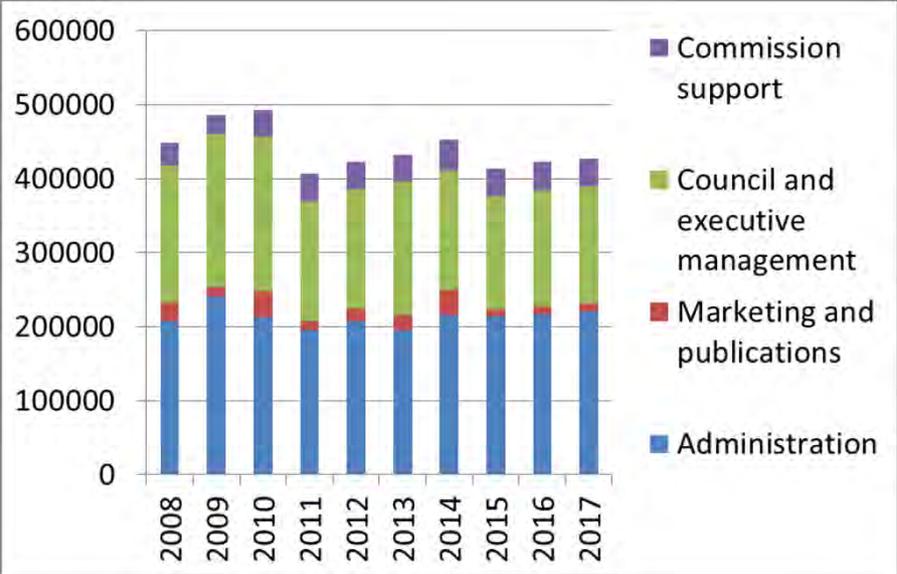
Key issues 2014-17

- Membership assumed declining (mainly MA and Corporate membership)
- Activities remaining stable
- Office staffing changed – stabilised 2014
- Savings in expenditure
- Developmental expenditure increased – web/IT development planned for 2014 and 2015
- Almost all income from events moved to regular income – change in income to fixed fee
- Collection of subscription arrears/ write offs

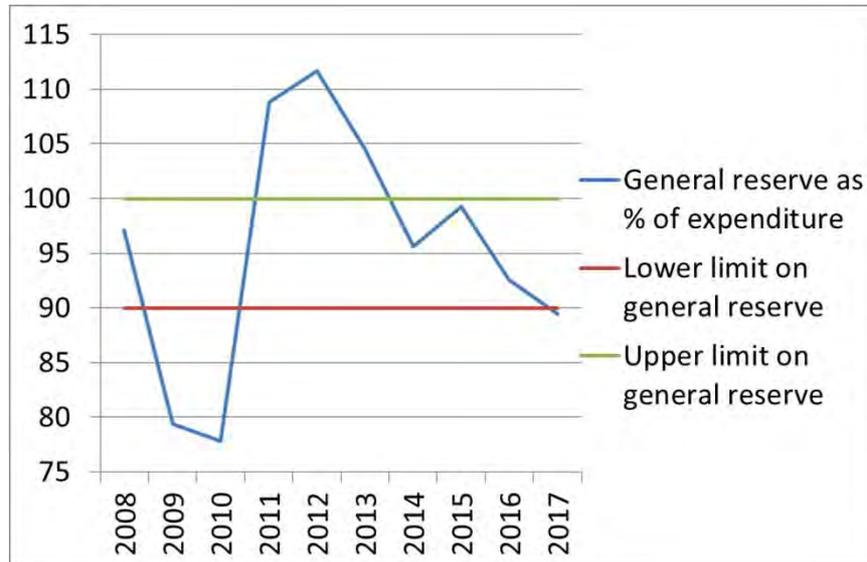
Budget overview



Expenditure analysis



General reserve



Key points

- Prudent budgeting and very tight financial controls in 2014
- Returned a surplus despite global financial situation and despite a budgeted deficit of € 63,000
- Held the reserves above the agreed range
- The forward budget
 - Is realistic – but minimalistic
 - Maintains reserves back into the approved range
 - 2014– another challenging year
 - Still enabling developmental expenditure
 - Financial situation in the world impacts the subscriptions

**Motion: that the GA endorses
the FIG budget for 2014-2017**

FIG General Assembly - Kuala Lumpur - June 16, 2014

FIG Statutes Chapter 5 Administration of the Federation Terms of Office



The Danish Association of Chartered Surveyors

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FIG General Assembly - Kuala Lumpur - June 16, 2014

Present rules

5.5 The term of office for all elected members of the Council is four years subject to the provisions of section 5.6. No individual may serve for more than two consecutive periods on the Council and the term of office of the president is limited to one period of four years. The term of office for the President, Vice Presidents and the ACCO representative starts on 1 January in the year immediately following their election. For the purposes of this section a single term of two years or less shall not be considered as a term of office.



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Proposal

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For the election in 2014 in Kuala Lumpur the Council can propose transitional rules



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FIG General Assembly - Kuala Lumpur - June 16, 2014

Background:

In 2006 the first President elect took place in Munich, Germany on October 13.

Two and a half month before handover to the new President.



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FIG General Assembly - Kuala Lumpur - June 16, 2014

Background:

In 2006 the first President elect took place in Munich, Germany on October 13.

Two and a half month before handover to the new President.

In 2010 the election took place in Sydney, Australia on April 16. Eight and a half month before the handover.



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Two and a half month before handover to the new President.

In 2010 the election took place in Sydney on April 16. Eight and a half month before the handover.

In 2014 in Kuala Lumpur, Malaysia the election is on June 21 - more than six month before the handover to the president elected.



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FIG General Assembly - Kuala Lumpur - June 16, 2014

Explanation

In 2006 FIG invented the new system having elections and there seems no reason for maintaining the old handover system.

It is important that the incoming president can act on behalf of the organization based on the election.

The present system having an active outgoing president and an elected incoming president is confusing for the outside world.

The outgoing and incoming president can arrange their continuation and handover process themselves.



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FIG General Assembly - Kuala Lumpur - June 16, 2014

Thank you for your attention



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Current status

5.5 The term of office for the President, Vice Presidents and the ACCO representative starts on **1st January in the year immediately following** their election...

The President of Ddl is proposing...

5.5 The term of office for the President, Vice Presidents and the ACCO representative starts **immediately following** their election...

Council discussed this proposal at its Council meeting
April 2014 in Copenhagen

- a) Council is judging this proposal as interesting;
it should be presented and discussed in GA
- b) Council would like to thank Henning Elmström
for his interesting proposal

Pro

The new Council members

- **President,**
- **Vice Presidents**

can start immediately after their election!



Decisions are necessary in the year of the election!

-> working weeks the next 2 years!



CONs

1. No preparation time

The day after the election the new President (and Vice Presidents) must start working

**They have no preparation time....
Like Commission Chairs do have ...
(2 years ...before 2002 ...even 4 years!)**

CONs

2. Financial Responsibility

The entire Council is responsible for the finances during the Financial year which is coinciding with the calendar year

It is totally against any statutes to exchange the majority of a Council during the financial year from 1 day to the next!

CONs

3. Vacuum of activities

The new President is not ready directly after his election. At the same time the current President has to step out immediately!!!

- **There is the danger that FIG will be paralyzed for a certain period of time!**
- **Internally there will be no longer a serious handover possible**

CONS

- **No preparation time**
- **Financial Responsibility**
- **Vacuum of activities**

Pro

- No lame duck!
- Decisions for the future can be taken!

1. The CONs are too strong!

Council is proposing....

- a) that the new President is immediately becoming member of the Council in the rank of a **No Decision now!** Next steps: - discussion in GA
- written proposal
- b) that - voting earliest 2015 immediately responsible for the next 2 working

- a) the new P is becoming member of Council as VP
- b) the new P is responsible for the next 2 ww.

Letter form GEOSUISSE

Proposal from GEOSUISSE

GEOSUISSE is proposing that the nomination process is changed in the following sense:

- Not the member associations nominate a candidate any more directly. They can propose candidates to a respective nominating body
- For Vice-presidents a regional body formed by the regional associations will have the right to nominate candidates. This makes it necessary that a candidate is better known and that every region has a representative. The regional bodies have to check if a candidate is eligible and has sufficient support, also in financial terms
- For Commission Chairs Elect, the nomination right should be with the Commissions themselves. They have to evaluate the candidates and to make sure that she/he is able to fulfill the job. The Commissions are the only bodies that have sufficient knowledge of their members and who are able to judge their eligibility. Commissions will as well negotiate with the national association of the candidate they wish to nominate.

	Until now	Swiss proposal
Nomination of candidates for...?	Member associations (MA)	Nomination body, receiving proposals from MAs
Vice Presidents	Member associations (MA)	A regional body which, making sure that each region will be represented in Council
Commission Chairs	Member associations (MA)	With the Commissions

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**Agenda Item 11:
Amendment to Statutes and Internal Rules**



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FIG Statutes 6.6.

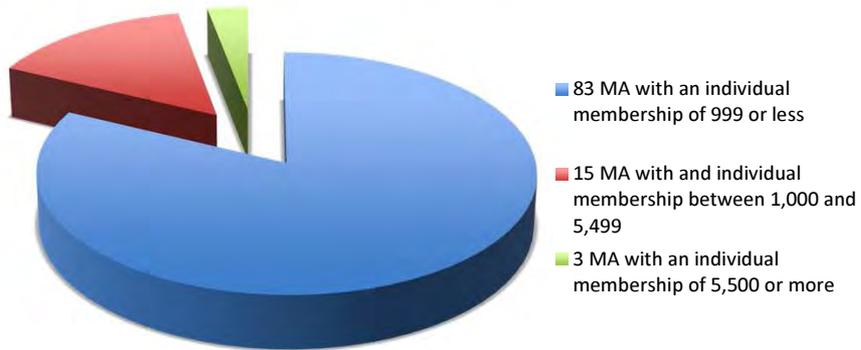
FIG Council proposes to amend item 6.6 of the statutes as follows:

Existing Provisions	Proposed Amendments	Rationale
6.6 A member association may only cast one vote on each issue.	6.6 A member association may: a) cast one vote on each issue provided the member association had in the most recent subscription period an individual membership of 999 or fewer; b) cast up to three votes on each issue provided the member association had in the most recent subscription period an individual membership of 5,500 or more, and subjected to the maximum subscription for a member association set by the General Assembly ; c) otherwise cast up to two votes on each issue.	The 2012 General Assembly in Rome unanimously adopted the recommendations from the Working Group on Voting Rights that was convened by the 2011 General Assembly in Marrakech that the voting system be changed; that the right to vote remains with members associations; and that a sliding scale of voting, relative to association's membership numbers, be adopted; and that Council prepare and table a proposal (after consultation with the members) to amend Article 6.6 of the FIG Statutes no later than at the 1 st session and to be implemented at the 2 nd session of the 2014 General Assembly in Kuala Lumpur, Malaysia In early 2013, Council prepared and sent out a one-page consultation paper that set out the essentials of Council's recommendation that is reflected in the proposed amendment to Article 6.6 of FIG Statutes. The one-page consultation paper is attached.



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Membership of 999 individual members or less	1 Vote	83 Member Associations
Membership between 1,000 and 5,499 individual members	2 Votes	15 Member Associations
Membership of more than 5,500 individual members	3 Votes	3 Member Associations

  								
FIG Statutes 8 FIG Council proposes to amend item 8 of the statutes as follows:								
<table border="1"> <thead> <tr> <th>Existing Provisions</th> <th>Proposed Amendments</th> <th>Rationale</th> </tr> </thead> <tbody> <tr> <td> 8 Force majeure 8.1 In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation, but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed. </td> <td> 8 Force majeure 8.1 If the Council determines that circumstances at the designated venue do not allow the convening of a General Assembly in conformance with these Statutes, the Council will take the steps it considers necessary to continue the work of the Federation, including communicating with the Federation's members. This may include: using postal voting for matters requiring urgent decision (except that of election to office); deferring the business of a General Assembly to the following year's General Assembly; or convening a rearranged meeting of the General Assembly. A rearranged meeting will always be arranged if there is an election to office to be determined. If the Council decides to convene a rearranged meeting of the General Assembly in these circumstances, the timetabling provisions of Statutes 6.1 and 6.2 may be waived. 8.2 In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation; but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed. </td> <td> The General Assembly decides four years out the venue of FIG's future General Assembly that is attached to FIG's Working Week and Congress. Council recognized that circumstances at the chosen venue might be impacted by subsequent events and occurrences that do not allow the convening of a General Assembly in a safe and sure circumstances. The new provision under Item 8.1 allows Council to take the necessary steps to continue the work of the Federation and may include postal voting, deferring the business to the following year or convening a rearranged meeting of the General Assembly. Any election to office must be at a rearranged meeting of the General Assembly and not deferred nor decided by postal vote. The existing Item 8.1 be renumbered as 8.2 </td> </tr> </tbody> </table>	Existing Provisions	Proposed Amendments	Rationale	8 Force majeure 8.1 In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation, but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed.	8 Force majeure 8.1 If the Council determines that circumstances at the designated venue do not allow the convening of a General Assembly in conformance with these Statutes, the Council will take the steps it considers necessary to continue the work of the Federation, including communicating with the Federation's members. This may include: using postal voting for matters requiring urgent decision (except that of election to office); deferring the business of a General Assembly to the following year's General Assembly; or convening a rearranged meeting of the General Assembly. A rearranged meeting will always be arranged if there is an election to office to be determined. If the Council decides to convene a rearranged meeting of the General Assembly in these circumstances, the timetabling provisions of Statutes 6.1 and 6.2 may be waived. 8.2 In the event of force majeure rendering liaison with the majority of members of the Federation impossible, the Council shall take all measures necessary for the safety of the Federation's funds and its archives and for the custodianship of the Federation; but otherwise all activity of the Federation shall cease until conditions permit activities to be resumed.	The General Assembly decides four years out the venue of FIG's future General Assembly that is attached to FIG's Working Week and Congress. Council recognized that circumstances at the chosen venue might be impacted by subsequent events and occurrences that do not allow the convening of a General Assembly in a safe and sure circumstances. The new provision under Item 8.1 allows Council to take the necessary steps to continue the work of the Federation and may include postal voting, deferring the business to the following year or convening a rearranged meeting of the General Assembly. Any election to office must be at a rearranged meeting of the General Assembly and not deferred nor decided by postal vote. The existing Item 8.1 be renumbered as 8.2		
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FIG Council proposes to amend item 13 and 14 of Internal Rules as follows:

Existing Provisions	Proposed Amendments	Rationale
<p>13 Ad Hoc Commissions</p> <p>13.1 In addition to the commissions, ad hoc commissions may be established by a vote of the General Assembly to carry out special technical assignments, projects or studies, including cross-commission activities. Ad hoc commissions will normally be established for a specified period and disbanded following the acceptance of their reports by the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p> <p>14 Task forces</p> <p>14.1 Task forces may be established by the Council to research and to advise on matters of an administrative or of a general policy nature. They will normally be of short duration and will be concluded on the presentation and acceptance of their reports by the Council and, where necessary, the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p>	<p>13 (Blank)</p> <p>14. Task Forces</p> <p>14.1 Task Forces may be established by the Council to carry out special technical assignments, projects or studies, or to advise on matters of an administrative or general policy nature. They will normally be established for a specified period and disbanded following the acceptance of their reports by the Council and, where necessary, the General Assembly. Their composition, chairs, terms of reference and work plans shall be approved by the Council.</p>	<p>This amendment reflects the fact that recent and current task forces were established to address matters that are more than just administrative or of a general policy nature.</p> <p>Task forces have been established to consider, research and report on matters that are technical, that are cross cutting as well as emerging issues that are of interest to the profession. They have therefore taken the place of ad hoc commissions, and the proposed deleting of internal rule 13 and amendment of internal rule 14 reflects this.</p>

FIG Congress June 2014 - Commission 1 Report on Workplan 2011-2014



•Working Group 1.1 - Changing Nature of Work and the Role of a Surveyor (Working Group with input from Commission 2, 7 and the Young Surveyor's Network)

–Papers presented on the various aspects of the definition of a surveying professional throughout working weeks led by Brian Coutts Vice Chair (now Chair Elect) from New Zealand.

–‘The Changing Role of the Surveying and Spatial Professional – Looking towards 2020 and beyond’, workshop held in Melbourne in September 2013 involving representative group reviewing the existing FIG definition of a surveyor. Included worldwide social media discussion led by Robyn McCutcheon Vice Chair and Leonie Newnham Chair both from Australia. Vice chair Winnie Shiu from Hong Kong SAR, China was part of the workshop.

•Working Group 1.3 – Community of Practice on professional standards and practice.

Led by Vice Chair Stephen Djaba from Ghana

–Focus was on building links between various African surveying communities.

FIG Congress June 2014 - Commission 1 Report on Workplan 2011-2014



•Working Group 1.4 – International Boundary Settlement and Demarcation (Joint Working Group with Commission 7)

–Co Vice Chairs Dr. Haim Srebro from Israel and Dr. Bill Robertson from New Zealand produced an excellent publication – International Boundary Making- Methodology and Practice in December 2013.

•Working Group 1.5 Social Media and Surveyors a joint activity with Young Surveyor's Network.

–Discussion of the various aspects of social media and surveying professional held throughout working weeks led by Leonie Newnham and in conjunction with Young Surveyor's Network.

–Used social media to share work on the definition of a surveyor developing discussion using Commission 1 Linked in group and twitter for the Melbourne Workshop held in September 2013. Used Skype format to engage surveyors from around the world in workshop discussion led by Robyn McCutcheon.

•Working Group 1.2 – Regulation approaches that provide secure tenure

–Decision taken to support work of Working Group 1.1 for this four year terms. Development work undertaken on the ethical aspects of regulation for next work plan.

Commission 2 Report

Commission 2 Report

- Participation in FIG Working Weeks and Regional Conferences
- Commission 2 Workshops
- Commission 2 Co-operations
- Commission 2 Work Plan progress

Commission 2 Working Weeks

- 2014, Kuala Lumpur, Malaysia
 - 4 technical sessions covering all aspects of the Commission 2 Work Plan
- 2013, Abuja, Nigeria
 - 2 technical sessions, first session dedicated to surveying education in Africa, the second session was on assessing surveying education

Commission 2 Working Weeks

- 2012, Rome, Italy
 - 4 technical sessions, 25 papers covering all aspects of the Commission 2 Work Plan
- 2011, Marrakech, Morocco
 - 5 technical session, 30 papers covering all aspects of the Commission 2 Work Plan

Commission 2 Regional Conferences

- 2013, Montevideo, Uruguay
 - 2 technical sessions, one session in Spanish, one session in English with excellent translation available

Commission 2 Co-operations

- 2012, Rome, Italy
 - Participation with FAO on introducing FAO Voluntary Guidelines into surveying education programs
- 2012, Yaounde, Cameroon
 - Participation along with Commission 7 with the 1st Cameroon surveying conference

Commission 2 Workshops

- 2013, Tyler, Texas, USA
 - Conference in co-operation with Surveying and Geomatics Educators Society (SaGES), 20 plus papers over 2 days of conference
- 2012, Moscow, Russia
 - Conference hosted by University of Moscow (MiiGAIK), 20 plus papers in both Russian and English over 2 days of conference

Commission 2 Workshops

- 2011, Malaguez, Puerto Rico
 - Conference in co-operation with Surveying and Geomatics Educators Society (SaGES), 25 papers over 2 days of conference

Progress on Commission 2 Work Plan

- W.G. 2.1 Curriculum and Survey Body of Knowledge
 - Publication of initial Body of Knowledge in US publication SaLIS
 - Presentation at Rome and Mayaguez

Progress on Commission 2 Work Plan

- W.G. 2.2 Learning and Teaching Methodology
 - Papers presented in Marrakech, Rome, Mayaguez, Moscow, Tyler, and Kuala Lumpur
- W.G. 2.3 Marketing and Management of Professional Survey Education
 - Papers presented in Marrakech, Rome, Tyler, and Kuala Lumpur

Progress on Commission 2 Work Plan

- Accreditation and Quality Assurance
 - Papers presented in Marrakech, Rome, Moscow, Tyler, and Kuala Lumpur

FIG Commission 4

FIG2014 Kuala Lumpur, Malaysia

2011-2014

Report to FIG General Assembly

Dr. Michael Sutherland, MRICS (Canada and Trinidad & Tobago)
Chair, Commission 4, FIG
Deputy Dean (Undergraduate Students), Faculty of Engineering
Department of Geomatics Engineering and Land Management
University of the West Indies
St. Augustine, TRINIDAD & TOBAGO

FIG Commission 4



- **Over 60 Delegates, Correspondents and Academic Members**
- **Representation from over 50 countries**
- **Terms of Reference**
 - **Hydrographic Surveying**
 - **Hydrographic Education**
 - **Marine Environment and Coastal Zone Management**
 - **Data Processing and management**
 - **Nautical Charting and Bathymetric Mapping**

Commission 4

Communications and Publications

Official FIG Websites:

- <http://www.fig.net/commission4/index.htm>
- <http://www.fig.net/commission4/reports/reports.htm>
- <http://www.fig.net/commission4/newsletters/newsletters.htm>
- <http://www.fig.net/commission4/Publications/publications.htm>

- A newsletter is periodically published in *Hydro International* and is distributed free of charge to Commission 4 delegates

- News from the Commission have been published in the *Hydrographic Journal*, *Geomatica*, *Geomatics World* and *Lighthouse*.

FIG Publications

www.FIG.net





Commission 4 Officers 2011-2014



- **Administration and Communications:** Gordon Johnston, MRICS (UK)
- **Working Group 4.1 – Ellipsoidally Referenced Hydrographic Surveys:** Jerry Mills (USA)
- **Working Group 4.2 – Standards and Guidelines:** Andrew Leyzack (Canada)
- **Working Group 4.3 – Optimizing Multi-Sensor Systems for Hydrographic Applications:** Prof. Dr. Volker Böder (Germany) – Deceased 
- **Working Group 4.4 – Maritime and Marine Spatial Information Management:** Dr. Jonathan Li (Canada)
- **Working Group 4.5 – Hydrography in Africa:** Angela Euonovbe (Nigeria), Commission 4 Chair-Elect



Colleagues Lost



Working Group 4.3 – Optimizing Multi-Sensor Systems for Hydrographic Applications: Prof. Dr. Volker Böder (Germany). Died Tragically on Friday, 31st August, 2012.



In June 2011, **Dr. David Neale**, former Commission 4 Vice-Chair Administration and Communication, and former Commission 4 representative on IBSC, lost his battle with cancer. The hydrographic community lost a stalwart. Subsequently Dr. Neale was replaced by Dr. Keith Miller as the 4th FIG member on the Board. Keith is from the Department of Geomatics Engineering and Land Management, University of the West Indies, St. Augustine, Trinidad and Tobago.





International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG COMMISSION 4
Hydrography



ACTIVITIES OF THE CHAIR

- Organizing sessions at :
 - FIG2012 (Rome, Italy) and the 8th FIG Regional Conference in Montevideo, Uruguay;
 - FIG2013 (Abuja, Nigeria);
 - FIG2014 (Kuala Lumpur, Malaysia).
- Writes regular newsletter in a number of journals and magazines.





International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG COMMISSION 4
Hydrography



ACTIVITIES OF THE CHAIR

Represented the interests of Commission 4:

- 2013: "FIG Commission 4 and Hydro supported Development". Special invited presentation, **Joint International Federation of Surveyors – International Hydrographic Organization conference on the "Blue Economy"**, 9th April, Southampton, England [organized by Commission 4 Vice-Chair Administration and Communication, Mr. Gordon Johnston].
- 2013: Participant, **Joint IHO-FIG-IMO-IOC Strategic Capacity Building meeting**, Monaco, November 20-21.
- 2012: "Boundaries and Governance in Coastal and Marine Spaces". Special invited presentation, **European Union Permanent Committee on Cadastre (PCC), Cyprus**, November 29-30.
- 2012: "Spatially Enabled Governance". Special invited presentation, **UNRCC-PCGIAP International Symposium on Spatially Enabled Government and Society**, Kuala Lumpur, Malaysia, February 15-16.
- 2011: "Hydrography and National Development". Special invited presentation (Guest Speaker) at the **Nigerian Hydrography Awareness Day, Lokoja, Nigeria**, October 25-26 [organized by Working Group 4.5 Hydrography in Africa Chair, and Commission 4 Chair-Elect, Ms. Angela Etuonovbe].
- 2011: "Implementing a Marine Cadastre (or other similar marine information systems)". Special invited paper for presentation at the Plenary Session of the **11th South East Asian Survey Congress**, Kuala Lumpur, Malaysia, June 22-24.



- **Vice-Chair, Administration and Communications:** Gordon Johnston, MRICS (UK)
- Continues work with FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC)
- Joint IHO-FIG-IMO-IOC Strategic Capacity Building meetings
- Jointly with IHO organized the “Blue Economy” conference, 9th April 2013 at the National Oceanographic Centre (NOC) Southampton, England.

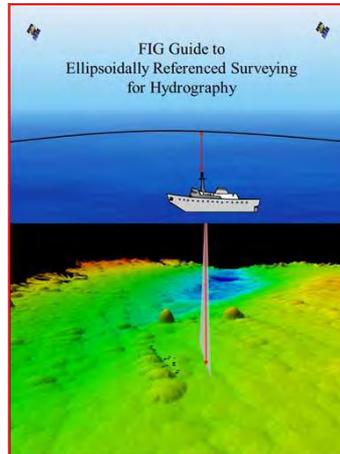


Mr. Gordon Johnston, Vice-Chair (Administration and Communication), Commission 4 addressing attendees at the Joint FIG-IHO One-Day Strategic seminar on the "Blue Economy", Southampton, UK (2013)



- **Working Group 4.1 – Ellipsoidally Referenced Hydrographic Surveys:** Jerry Mills (USA)

Despite being retired!!





Working Group 4.4 – Maritime and Marine Spatial Information Management: Dr. Jonathan Li (Canada)

Involved in Organizing Many Conferences / Publications (sample):

- **2011:** Yang X, Li J (eds), 2011. Earth Observations and Remote Sensing for Environmental Management and Hazard Mitigation, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (IEEE: SCI)...
- **2012:** Conference Chair, International Conference on Computer Vision in Remote Sensing, 16-18 December 2012, Xiamen, China **[many more]**
- **2013:** Chair, Scientific Committee, 4th International Conference on Earth Observation of Global Change (EOGC2013), 5-7 June 2013, Toronto, Ontario, Canada **[many more]**
- **2014:** Li, J. and X. Yang (eds), 2014. Monitoring and Modeling of Global Change: A Geomatics Perspective, Springer ...



Working Group 4.5 – Hydrography in Africa: Angela Euronovbe (Nigeria), Commission 4 Chair-Elect

Continues to be involved with FIG Africa Task Force.



*Workshop on Hydrography Awareness,
Lokoja, Nigeria (2011)*

OVERVIEW OF ACHIEVEMENTS, 2011-2014

- **WORKSHOPS ORGANIZED BY COMMISSION 4**
 - 2011: Workshop on Hydrography Awareness, Lokoja, Nigeria
 - 2013: Joint International Federation of Surveyors – International Hydrographic Organization conference on the “Blue Economy”, Southampton, England
 - Involvement in organizing other conferences or workshops
- **BOARDS, COMMITTEES AND LIAISONS**
 - FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC)
 - Joint IHO-FIG-IMO-IOC Strategic Capacity Building meetings
 - Liaison with International Hydrographic Organization
 - European Union Permanent Committee on Cadastre
- **PUBLICATIONS**
 - FIG Guide to Ellipsoidally Referenced Surveying for Hydrography
 - Newsletters and special articles (Hydro International; Geomatica; Lighthouse etc.)
 - Many other publications by members at conferences, workshops etc.

[SEE WRITTEN REPORT TO THE GENERAL ASSEMBLY FOR MORE DETAILS](#)

MANY THANKS TO:

COMMISSION 4 WORKING GROUP CHAIRS AND MEMBERS

SISTER ORGANIZATIONS

ADMINISTRATION OF THE INTERNATIONAL FEDERATION OF SURVEYORS

 International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG COMMISSION 4
Hydrography



Angela Euonovbe (Nigeria), Commission 4 Chair-Elect
2015-2018

 International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG COMMISSION 4
Hydrography



FIG Commission 4
FIG2014 Kuala Lumpur, Malaysia
2011-2014
Report to FIG General Assembly

Dr. Michael Sutherland, MRICS (Canada and Trinidad & Tobago)
Chair, Commission 4, FIG
Deputy Dean (Undergraduate Students), Faculty of Engineering
Department of Geomatics Engineering and Land Management
University of the West Indies
St. Augustine, TRINIDAD & TOBAGO

Overview of achievements of Commission 5 since Abuja

Presented at General Assembly



FIG Commission 5 2011-14

Mission statement - The five "F";

- **F**ocus on modern technologies, technical development and assist surveyors through guidelines and recommendations
- **F**acilitate and follow technical development through collaboration with other commissions and other international organisations
- **F**oster and support research and development and stimulate new ideas.
- **F**ormulate and formalise collaboration with manufacturers on the improvement on instruments and associated software
- **F**IG Events – use these to present and promote the work of the Commission and its working groups





FIG Commission 5
-
Positioning and Measurement
2011-2014

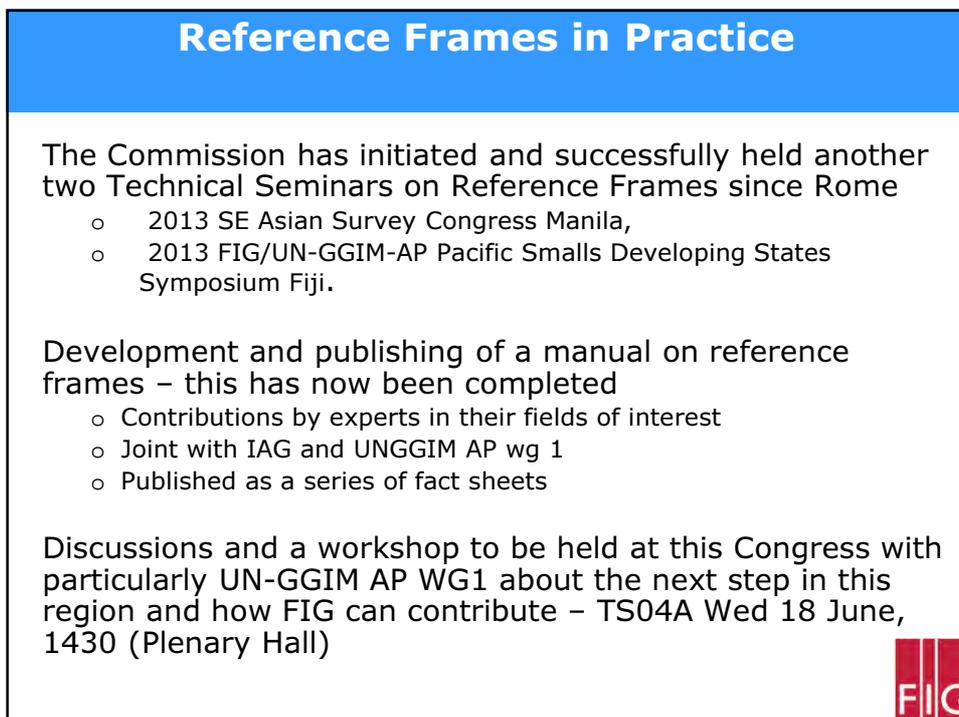
WG 5.1: Standards, Quality Assurance and Calibration (David Martin (France))

WG 5.2: Reference Frames (Graeme Blick (New Zealand))

WG 5.3: Geodetic and Positioning Infrastructure (Neil D Weston (USA))

WG 5.4: Kinematic Measurements (Volker Schwieger (Germany))

WG 5.5: Ubiquitous Positioning (Allison Kealy (Australia)). Joint with IAG /Com. 6

Reference Frames in Practice

The Commission has initiated and successfully held another two Technical Seminars on Reference Frames since Rome

- 2013 SE Asian Survey Congress Manila,
- 2013 FIG/UN-GGIM-AP Pacific Smalls Developing States Symposium Fiji.

Development and publishing of a manual on reference frames – this has now been completed

- Contributions by experts in their fields of interest
- Joint with IAG and UNGGIM AP wg 1
- Published as a series of fact sheets

Discussions and a workshop to be held at this Congress with particularly UN-GGIM AP WG1 about the next step in this region and how FIG can contribute – TS04A Wed 18 June, 1430 (Plenary Hall)



New Publications

The Commission is at this Congress presenting;

- Revision of FIG publication no 49: Cost Effective GNSS Positioning Techniques (Weston and Schwieger)
- FIG Publication no 64: Reference Frame in Practice Manual

Also;

- Special Issue of Journal of Applied Geodesy; Vol. 7, No 4 (November 2013) on "Ubiquitous positioning and Navigation Systems"



FIG International Cooperation

International professional organisations in surveying disciplines as:

- International Association of Geodesy (IAG);
- International Society for Photogrammetry and Remote Sensing (ISPRS) and
- The Institution of Navigation (ION)

United Nations agencies as

- UN Office for Outer Space Affairs (UN OOSA); in particular the ICG – International Committee on GNSS
- UN Global Geospatial Information Management (UN GGIM); in particular UN GGIM AP Working Group 1 (Geodetic Reference Framework for Sustainable Development)



UN resolution on Global Geodetic Reference Frame

The UN Committee of Experts on Global Geospatial Information Management (UN-GGIM) decided in July 2013 to formulate and facilitate a resolution for a global geodetic reference frame.

UN-GGIM recognises the growing demand for more precise positioning services, the economic importance of a global geodetic reference frame and the need to improve the global cooperation within geodesy

Global geodesy is dependent on contributions from nations all around the globe. No single country can maintain a global geodetic reference frame alone



UN resolution on Global Geodetic Reference Frame

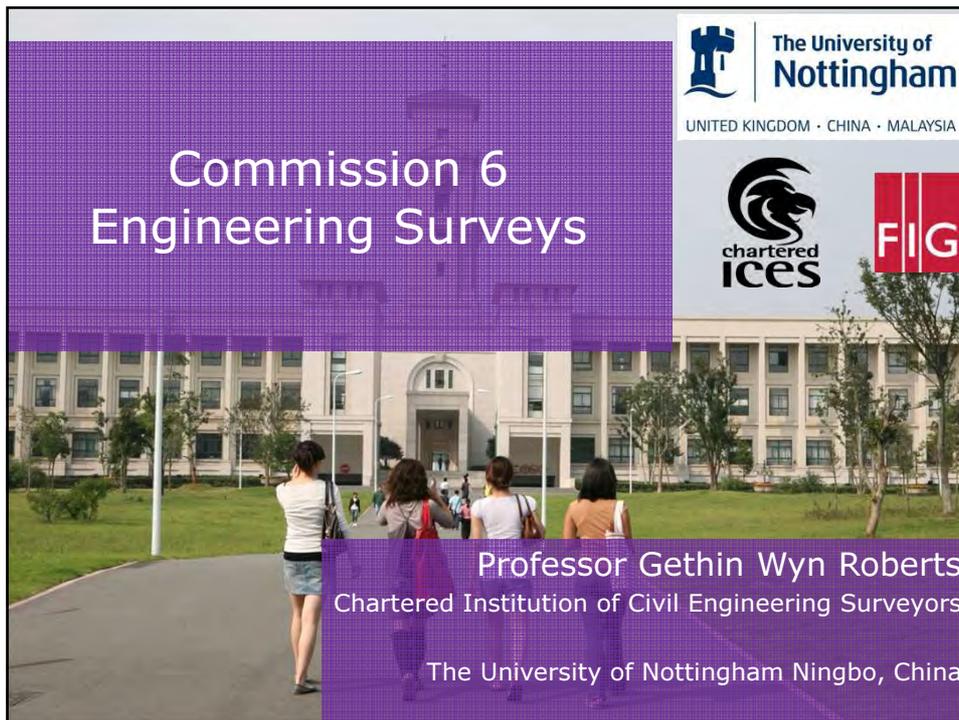
The aim is to change from the current system where contributions to the development of a global geodetic reference frame are undertaken on a "best efforts" basis to one where they are made through a multilateral collaboration under a UN mandate.

The process will be discussed at several sessions and meetings during the week starting with

TS06A; Joint FIG/UN GGIM AP session on Global Geodetic Reference Frame, Thursday 11.30 – 13.00 in Hall 1.

A joint statement to be prepared for the second General Assembly





Commission 6
Engineering Surveys

The University of
Nottingham
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chartered
ICES

FIG

Professor Gethin Wyn Roberts
Chartered Institution of Civil Engineering Surveyors
The University of Nottingham Ningbo, China



FIG

Vice Chairs for
Administration

The University of
Nottingham
UNITED KINGDOM · CHINA · MALAYSIA

- Dr Craig Hancock, The University of Nottingham Ningbo China
- Dr Lawrence Lau, The University of Nottingham Ningbo China



Working Groups



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- WG6.1 Deformation Monitoring and Analysis (Prof W Niemeier)
- WG6.2 Engineering Surveys for Construction Works and Structural Engineering (J VanCranenbroeck)
 - Study group 6.2.1 Fibre Optic Sensor
 - Study Group 6.2.2 Laser Scanners (Joint with Comm 5)
 - Study Group 6.2.3 Ground Based Synthetic Aperture Radar



Working Groups



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

- WG6.3 Machine Control – Didn't get off the ground
- WG6.4/5.5 Ubiquitous Positioning Systems (Dr A Kealy, Dr G Retscher)



Events 2011



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- Hong Kong WG6.1; 26 technical sessions, 114 papers
- Marrakech Working Week; 8 technical sessions, 44 papers
- Geosiberia April; 19 technical sessions, 600 Russian papers, 60 English
- Mongolia, Sept; Innovative Technologies for an Efficient Geospatial Management of Earth's Resources, 5 technical sessions, 40 papers



Events 2012



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

- Rome, Working Week; 15 technical sessions, 84 papers
- Geosiberia, Kazakhstan, Uruguay 12 papers
- Hong Kong, WG6.2, 1st International FIG workshop on High Rise and Tall Engineering Structures
- Beijing; RICS AGM
- Hangzhou; UNGGIM
- Wuhan, Dec 2012; RICS Geomatics GNSS Conference



Events 2013



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- Abuja, Working Week; 2 technical sessions, 7 papers
- Nottingham, WG6.1 2nd Joint Symposium on Deformation Monitoring, 84 papers with IAG



Events 2014



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

- Kuala Lumpur Congress; 5 technical sessions and 7 joint with comm 5
- Plan for a YS related Workshop in China, 2015



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- Technical papers available through the FIG web page



FIG Commission 7 Cadastre and Land Management

Report 2011-2014

FIG General Assembly
Kuala Lumpur, Malaysia, 16 June 2014

Daniel Roberge, chair
FIG Commission 7

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



Commission 7 - Priorities

For the period 2011-2014, FIG Commission 7 has prioritized the following actions:

- promoting land rights infrastructures and good land governance to contribute to sustainable development;
- developing a better preparedness and response to natural disaster and climate change;
- developing a better cooperation between land surveyors aiming to develop the capacity and governance in land administration ;
- developing cadastral perspectives;
- investigating direct involvement of citizens into e-land administration processes;
- co-operating with international organizations in land tenure issues.

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



Commission 7 - Administration

- Chair: Daniel Roberge
- Administration and Communication
 - Vice-chair: Claire Galpin
 - Young Surveyor Network representative: Jean-François Beaupré
- W.G.7.1 - Pro Poor Land Tools - C.Lemmen
- W.G. 7.2 – Land Administration, Natural Disasters and Climate Change - D. Mitchell & J. Zevenbergen
- W.G. 7.3 - Cadastral Perspectives - G. Schennach
 - 3D Cadastre - Joint W.G. with Com. 3
P. van Oosterom
- W.G. 7.4 - Land Management Reforms R. Grover

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



Working Group 7.1 Pro Poor Land Management

- Land Administration Domain Model (LADM) is an International Standard by ISO (2012) WHICH also includes the Social Tenure Domain Model (STDM).
 - Supports UN Habitat's Continuum of Land Rights and FAO's Voluntary Guidelines
- LADM workshops have been co-organised: in Rotterdam, The Netherlands, in 2012 and in Kuala Lumpur, Malaysia in 2013.
- Contribution to FIG Publication on Fit-for-Purpose Land Administration and other FIG Publications.

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



Working Group 7.4 Land management reforms

- Joint International seminar with FAO on *State Land Management in Transition Countries: Issues and Ways Forward*, Hungary (2012)
- e-publication on State Land Management expected by the end of 2014.

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



FIG Joint working group with Com. 3 on 3D Cadastre

- 2nd International Workshop on 3D Cadastres
Delft, The Netherlands, 2011
- 3D Cadastre Symposium in Shenzhen,
China, 2012

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



World Bank Annual Land Conference

Collaboration in World Bank Land and Poverty in 2011, 2012 and 2013.

In 2012: One day workshop on *Spatial Enabling Governments and Societies*: excellent opportunity to promote the evolving role of land surveyors to support the sustainable land administration and management

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



FIG Commission 7 Annual Meetings

- Europe: Innsbruck, Austria (2011)
- South America: San Luis, Argentina (2012)
- Africa: Yaoundé, Cameroon (2013)



The image shows a composite of three web pages. On the left is the FIG Commission 7 website, featuring the FIG logo and text about the 'FIG COMMISSION 7 Cadastre & Land Management' and the 'FIG Commission 7 Annual meeting 2012 and International Symposium, San Luis, Argentina, 20 to 26 November to 4 December 2012'. In the center is a Facebook page for 'FIG Commission 7' with a post from December 1, 2012, stating 'Today, take off of the FIG Commission 7 Annual Meeting in San Luis, Argentina. Where sky is not the limit!' and a photo of a group of people. On the right is a LinkedIn page for 'FIG Commission 7' with a post from May 2012 about the 'FIGS Land Journal May 2012'.

**Follow us on
www.FIG.net/Commission7
LinkedIn and Facebook**

FIG Commission 7 Annual Meeting
www.GeoCongres2014.ca

GEOCONFERENCE2014
REVOIR NOTRE MONDE
 INTERNATIONAL CONFERENCE
 OCTOBER 7 – 11
 QUÉBEC, CANADA

See the location of our activities

GEOCONFERENCE PROGRAM EXHIBITION VENUE/ACCOMMODATION PARTNERS REGISTRATION

Welcome to Québec City in October 2014
 A UNESCO World Heritage Site

FIG Commission 7 Annual Meeting
www.GeoCongres2014.ca



GEOCONFERENCE2014
REVOIR NOTRE MONDE
 INTERNATIONAL CONFERENCE
 OCTOBER 7 - 11
 QUÉBEC, CANADA

See the location of our activities



GEOCONFERENCE PROGRAM EXHIBITION VENUE/ACCOMMODATION PARTNERS REGISTRATION



Experience the Canadian boreal forest
 The Forêt Montmorency, host of FIG Commission 7 meetings

FIG Commission 7 Annual Meeting



- Smart cities and Spatially Enabled Society
- Land Administration
- Disaster Management and Climate Change
- Improvement of Quality of Living

GEOCONFERENCE PROGRAM EXHIBITION VENUE/ACCOMMODATION PARTNERS REGISTRATION



Let's revisit our world in a sustainable development perspective
 Land reform, smart cities, climate change, quality of life...



Thank you

FIG Commission 7 Report 2011-2014
General Assembly, Kuala Lumpur, 16 June 2014



COMMISSION 8

Chair's Report
Wafula NABUTOLA

Terms of Reference

- Regional and local structure planning
- Urban and rural land use planning and control
- Planning policies, environmental improvement
- Land use planning, implementation and control
- Public-private partnerships
- Informal settlement, in spatial development,

TERMS OF REFERENCE

- Spatial planning and good governance
- Re-engineering mega cities
- Strategy for environmentally sustainable development
- Disaster risk management and land use planning
- Inter-relationship between Commissions

Mission Statement

- The activities of Commission 8 in the years 2011–2014 involves all levels of physical planning, which enable environmentally sustainable development to occur.

SPATIAL PLANNING

- Spatial Planning is all about governments (federal, central, state and local) using a series of techniques to influence optimum distribution of people and activities in spaces of various scales.
- It encompasses all levels of land policies formulation, land use planning including urban planning, regional planning, environmental planning, national spatial plans and, in Africa and in the EU, international levels.

LAND DEVELOPMENT

- The process of improving raw land to support construction or other improvement. It may include planning, acquisition of government permits, subdivision, construction of access roads, installation of utilities, landscaping, and drainage or the process of improving a large tract of land;
- Includes clearing, grading, and the installation of sewers and utilities such as water, gas, telecommunications and electricity. .

Working Group 8.1 – Planning Strategy for Urban Development and Regeneration

- Policy Issues
- Planning urban development and renewal and their economic and social impacts
- The role of partnerships in urbanization process is a role for surveyors in moving towards sustainability in urban development/community living for people and places.
-
- Chair
- Frank Friesecke, Germany, e-mail: frank.friesecke@steg.de

Working Group 8.2 – Informal Settlements Issues in Spatial Development Planning and Governance

- Policy Issues
- Commission 8 contributions to the attainment of Millennium Development Goals, all of which have been set to be substantially realized by 2015.
- Evaluate progress thus far and suggest ways to improve the policies, laws, systems and procedures for their execution
- to investigate initiatives that deliver land for housing and associated financial mechanisms that enable peoples' settlements upgrading
- Chair
- Eugene Silayo, Tanzania, e-mail silayo@aru.ac.tz

SPATIAL PLANNING

- Commission 8 continued to assist in building the capacity of knowledge and skills via
 - case studies, workshops, collaboration and consultation
 - Contributing to environmentally sustainable development
 - Humans Living conditions in a changing globalised world.

Working Group 8.3 – Re-engineering of Mega Cities

- Policy Issues
- To provide opportunities for surveyors to play a key role in solving problems and implementing infrastructure in environmentally sustainable projects/developments in mega cities (large sprawling habitats with two distinct types being economically wealthy and dramatically poor).
- Chair
- Enrico Rispoli, Italy, email: e.rispoli@cng.it

Working Group 8.4 – Land Policies; Land Use Planning Control and Implementation

- Policy Issues
- To increase Surveyors' contribution to formulation and implementation of land policies in the world in general and in Africa in particular;
- better land use planning and integrated surveyors expertise in implementation of these policies, plans;
- Implementation processes and agreements and real estate management
- Chair
- I. Mwathane, Kenya, email: wathane@landsca.co.ke
- Publication of Model

COMMISSION 8 ACTIVITIES

- FIG 2011 – Marrakech – 11 technical sessions 45 papers
- FIG 2012 – Rome – 13 technical sessions, 52 papers
- FIG 2013 – Abuja – 17 technical sessions, 67 papers
- FIG 2014 Kuala Lumpur – 19 technical sessions, 100 papers

EMERGING ISSUES

- RURAL URBAN MIGRATION – Impact on Rural Economy, Urban economy
- Rapid Urbanization – Urban policies needed
- Infrastructure is overwhelmed – Water, Sewers, waste water, solid waste, liquid waste, energy, food security in both urban and rural, conflict over resources
- Role of PPP in meeting these pressing needs



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

FIG XXV Congress Kuala Lumpur

Commission 9 Report to General Assembly

Dr Frances Plimmer

18 June 2014

Chair Commission 9



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

Commission 9 Valuation and Real Estate Management

- **Property Taxation, Mass Appraisal Techniques**
- **Workshop, Paphos, 2012**
- **Publication**

- **Large Scale Land Acquisition, Publicaiton**



Commission 9

- **Cooperation with Sister Organisations**
- **World Bank Land and Poverty Conference 2013**
- **FAO Implementing Land and Property Taxes.**



- **International Property Measurement Standards Coalition**
- **FAO Implementing Land and Property Taxation.**



- Finally,
- Best wishes to the Commission 9 Chair
Elect for the future.



Problems

- **No established Methodology to ‘value’ social and environmental matters;**
- **No clear & provable link between social / environmental worth and monetary values;**
- **Social and economic worth MUST be capable of comparison with economic values.**



Solution

- **To develop, test and roll out method(s) of ‘valuation’ which;**
 - Reflect social and environmental factors;
 - Provide a RELEVANT comparison with economic factors.



Challenge

- **How can Com 9 help develop such a Methodology which is:**
 - Acceptable;
 - Effective; and
 - Efficient?



FIG COMMISSION 10

KUALA LUMPUR, JUNE 16TH, 2014

ROBERT ŠINKNER, CZECH REPUBLIC
FIG COMMISSION 10 CHAIR

The 25th FIG Congress
Kuala Lumpur, 16-21 June 2014



FIG COM10 - TERMS OF REFERENCE

- ✓ Construction economics including Quantity Surveying, Building Surveying, Cost Engineering and Management, Estimating and Tendering (Bidding)
- ✓ Commercial management including Procurement
- ✓ Risk Management and Contract Law for construction and non construction activity
- ✓ Construction Law and Negotiation
- ✓ Project and programme management including Planning / Scheduling

New topic:

- ✓ BIM – **Building Information Modelling**



The 25th FIG Congress
Kuala Lumpur, 16-21 June 2014

FIG COMMISSION 10 - Construction Economics and Management

4 good news:

YEARS 2011 - 2014

- ✓ Finally we have carrying theme – BIM
 - ✓ We have supporting theme – International Construction Measurement Standards
 - ✓ Com 10 has a new Chair Elect – Mr. ONG See Lian
 - ✓ MoU with PAQS – KWAN HochHai
- (last two points with the help of President Teo)

1 bad news

- ✓ We lost two Working Groups: M.K. (Michael) Frimpong became a President of AAQS – ☹ but ☺ - good relationship

1 sad news

- ✓ Andrew Winston Morley died in autumn 2013, great supporter of FIG, former Chair Com 10. Honour and Glory to his Memory



**The 25th FIG Congress
Kuala Lumpur, 16-21 June 2014**

FIG COMMISSION 10 - Construction Economics and Management



☺ **Thank you for your attention!** ☺

**Ing. Robert ŠINKNER, MBA
CUSC & GEFOS a.s.
FIG Com 10 Chair**



Planska 6, 370 07 Ceske Budejovice
CZECH REPUBLIC, EUROPE
tel. + 420 602 461 655, Fax + 420 386 108 556
email: robert.sinkner@gefos.cz

**The 25th FIG Congress
Kuala Lumpur, 16-21 June 2014**



The European Synchrotron

David Martin
Standards Network Report
General Assembly 16 June 2014

WHAT IS A STANDARD



FIG AND STANDARDS

Standards Are Important

COOPERATION Customer Satisfaction
QUALITY Products
SAFE Reliable
WATER AIR ENVIRONMENT
HEALTH TRAFFIC
LAW BUSINESS
GOVERNMENT
AGREEMENTS
SOCIAL
BUSINESS
SOCIETY

Government
Business
Society

FIG PROMOTES STANDARDS THROUGH THE STANDARDS NETWORK

PROMOTE STANDARDS

- Liaison with standards bodies and NGOs
- Ensuring lead contacts to Technical Committees
- Proposing priorities on FIG's standardisation activities
- Advising and providing information on standards to FIG members

FIG STANDARDS NETWORK ACTIVITIES



- The Standards Network has members from all of the FIG Commissions
- Commission 5
 - ISO/TC 172 SC6 Work on Survey Instrument Standards (14 standards)
 - Hans Heister to be replaced by Prof Dr. Ingo Neumann
 - ISO/TC 211 Geographic Information/Geomatics (64 Standards and projects)
 - Nic Donnelly liaison FIG to TC211 ↔ Larry Hothem liaison TC211 to FIG
- Commission 7
 - ISO 19152:2012 Land Administration Domain Model
- Commission 9
 - Proposal for an International Measurement Standard of Property
- Standards Network meeting on Wednesday 18 June 2014 11:30 to 13:00

FIG STANDARDS NETWORK



Thank you
for your
attention...

FIG **XXV FIG Congress**
KUALA LUMPUR 2014 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

PEJUTA
 CEKAP DAN LEMBAGA

Young Surveyors Network

2014 Report to General Assembly

Kate Fairlie
Chair, FIG YSN

FIG **XXV FIG Congress**
KUALA LUMPUR 2014 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

PEJUTA
 CEKAP DAN LEMBAGA

Participation and Representation

- Local and Regional Young Surveyor Networks
 - Africa: Nigeria, Kenya, Senegal, South Africa...
 - Europe: CLGE
 - North America: NSPS
 - Asia: Philippines, Japan, Malaysia...
- Facebook: 3700+ participants
- Twitter:500+ followers
- LinkedIn: 500+ followers
- FIG Foundation Fellowships



XXV FIG Congress
 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

FIG KUALA LUMPUR 2014



Events and Partnerships




- Young Surveyors Conferences: Rome, KL
- Regional Meetings
 - 1st European YS Meeting
 - 1st North American YS Meeting
 - 1st Asian Pacific YS Meeting (here!)
 - 2014 AfricaGEO YS Programme
- STDM Training of Trainers
 - Abuja, Kuala Lumpur x2, ?
- Pacific SIDS Symposium 2013, UN-Habitat World Urban Forum, World Bank, LADM2013, ...



XXV FIG Congress
 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

FIG KUALA LUMPUR 2014



Young Surveyors Conference and Social Events



@fig_young #FIG2014



FIG Young Surveyors Network

Young Surveyors Network Malaysia





FIG Young Surveyors



XXV FIG Congress
KUALA LUMPUR 2014
"Engaging the Challenges, Enhancing the Relevance"
16 - 21 JUNE 2014, MALAYSIA

National Association Session
Thursday 19th June, 14.30 – 16.00
Impiana Banquet Hall 2

- Why should national associations have a Young Surveyors representative or network?
- What are good examples of Young Surveyor Networks worldwide?
- How can Young Surveyors help the national associations?
- What are the most important issues for Young Surveyors?
- How is FIG Young Surveyors Network organised?
- Who are international and regional representatives?



XXV FIG Congress
KUALA LUMPUR 2014
 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA



FIG Young Surveyors Conference Outputs

1. Young Surveyor Statement
2. Daily Newsletter Update (Tuesday, Wednesday, Thursday, Friday)



Statement from Rome Young Surveyors Conference

APPENDIX 1: Statement from the FIG Young Surveyors Conference:

Based on our workshop sessions the young surveyors answered the following questions:

1. The FIG and Member Associations can best support young surveyors by...

- ... Encouraging each country to nominate a young surveyor representative to FIG and to each FIG Commission
- ... Entrusting young surveyors with more responsibility, and delegating young surveyors with roles in decision making processes
- ... Ensuring information flows between the FIG and young surveyors
- ... Opening new doors of connection with international companies for internships and collaboration



XXV FIG Congress
KUALA LUMPUR 2014
 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA



With Thanks!

- Malaysian organisers, sponsors and young surveyors!
- FIG Foundation
- National associations
- Commission Chairs
- All the active young surveyors!





Africa Task Force

Dr Diane Dumashie
Chair

FIG 37th Congress, Kuala Lumpur
16th -21st June 2014

 African Task Force www.fig.net/tf/africa

African Surveying Profession

Task Force Purpose

- Social responsibility to contribute to the MDG's
- Surveyors as Change Agents



Task Force Focus

- Build capacity, to best contribute to meet challenges of:
 - poverty alleviation,
 - economic growth
 - environmental sustainability



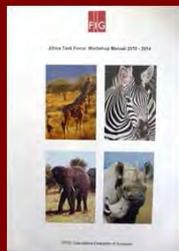
Task Force Time Line

- Launched 2009
- Full report 2014.



 African Task Force www.fig.net/tf/africa

We delivered



Workshop manual



Task Force report

African Workshop theme WorkBook:

- 2010: Workshop, Peri- Urban Development, Kenya,
Round table, WW Marrakech, 2011
- 2011: Workshop, Resilience Women & Young Surveyors, South Africa,
Round table, WW Rome, 2012
- 2012: Workshop, Environmental Agenda, Ghana,
Round table, WW Abuja, 2013
- 2013: Pulling together recommendations,
- 2014: Congress, Kuala Lumpur
Publication #63



African Task Force www.fig.net/tf/africa

What you asked- What we did

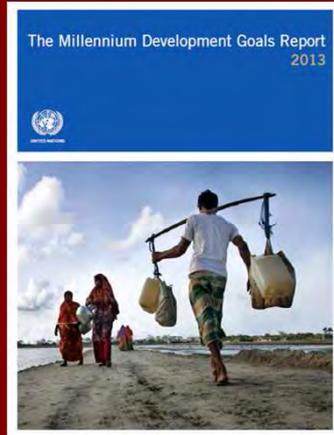


- A - Aspirational
- F - Fundamental
- R - Rewards
- I - Inspirational
- C - Connectivity
- A - Action



African Task Force www.fig.net/tf/africa

Aspirational



You Asked

- MDGs: Our social responsibility

Recognises:

- Flying High, the Big vision & global agenda, but
- Keep feet on the Ground

Supporting:

- Member Associations and the Individual surveyor in their every day task

Fundamentally - We did:



Mombasa, Kenya



Cape Town, South Africa



Elmina, Ghana

- Workshop – 140 attendees over 3 workshops
- Representation from West, East and Southern Africa (10 Nations)
- Documented: Briefing, PPT, Ideas, Tool drafting, Proceedings, Review & Design, Engagement, and
- Rewarding our community.....

Rewarding and Thanks to....



Energy, Enthusiasm and Input from:

- African land professionals (Private, public and academia)
- Member Associations
- Young Surveyors Network
- Grassroots Leaders: Ghana, Kenya and South Africa (GSF, SDI,PA)
- Support from partners; GLTN, Corporate FIG Member ...



- And

FIG African Task Force www.fig.net/tf/africa

2009- 14

Special Thanks to our Hosts



- Institute Surveyors Kenya (ISK): President C Kowuor



- University of Cape Town, (Geomatics) UCT, Professor Jennifer Whittal, and



- South African Council for Professional Technical Surveyors (PLATO) President P Marshall



- Ghana Institution of Surveyors, (GhIS) President D Kyere

FIG African Task Force www.fig.net/tf/africa

Inspirational - Lessons



ATF Workbook:

- Mombassa Resource Book: Peri-urban Routes to achieve Community Participation - The What & How
- Cape Town Tool book: Ways and means to break down the barriers for entry into our professions for young people & women - A range of tools
- Elmina an Environmental Agenda for Action: in relation to our work– A Futures; Strategic Foresight Methodology



African Task Force www.fig.net/tf/africa

Connectivity



- What path would you, as land professionals, choose for the future for you and your profession over the next 20 years?

“To engage to make a difference”.

- *“Working with communities to identify the road ahead can contribute to a socially cohesive approach within society. Surveyors can move on from passive acceptance of the situation to active engagement to drive toward meaningful solutions.”*



African Task Force www.fig.net/tf/africa

Deliberations and Discussions



- The need to merge and formalise governance, land professionals and traditional authorities (Kwame Tenadu Chair Elect, Comm 8, Ghana)



- Land professionals—how can they better engage with grassroots and help them to understand change (Queensley Ajuyakpe, Grassroots leader Nigeria)



- Young professionals are the present and the future – how can we engage and enable the youth (Pamela Agbonika, Young Surveyor, Africa)

FIG African Task Force www.fig.net/tf/africa

Action



Key objective- delivered:

- Enable the surveying profession to deal with social responsibility in terms of contributing to achieving the MDGs (2000–2015)

There is More:

- Using collective knowledge to build member association capacity to address the emerging post-2015 agenda
- The SDGs potential for a focus on Land and societal development.

FIG African Task Force www.fig.net/tf/africa

Congress 2014 - Roundtable

- Engaging the Profession
- Enhancing the Significance, and
- Enhancing the Relevance

Engagement: Open to All

Deliberate: How to go forward

Vote: Future Steps – for Africa (and other Regions?)

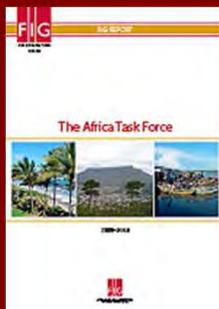
Thursday 19th June

08.00hrs– 09.00hrs



Press centre KLCC
African Task Force www.fig.net/tf/africa

Thank You for Your Attention



- WWW.fig.net/tf/africa
- Chair: Dr D Dumashie
- ddd@dumashie.co.uk



FIG African Task Force www.fig.net/tf/africa

REPORT OF THE FIG



Task Force

11/07/2014

FIG General Assembly, Kuala Lumpur 2014

1

PROGRESS

- **Report complete subject to minor editing.**

“THE SURVEYOR’S CONTRIBUTION TO MONITORING, MITIGATING, AND ADAPTATING TO CLIMATE CHANGE”

- Editor: John Hannah. Contributing Authors: Isaac Boateng, Sagi Dalyot, Stig Enemark, John Hannah, David Mitchell, Paul van der Molen, Merrin Pearse, Martinus Vranken

11/07/2014

FIG General Assembly, Kuala Lumpur 2014

2

CONTENTS

1. Introduction
2. Understanding climate change
3. Spatial aspects of mitigating and adapting to climate change
4. Spatial aspects of climate change governance
5. The application of the professional skills of the surveyor
6. Practical examples
7. Building partnerships

11/07/2014

FIG General Assembly, Kuala Lumpur 2014

3

SURVEYORS RESPONDING TO CLIMATE CHANGE

- **Developing fit-for-purpose land administration systems that reflect property rights, and give security of tenure.**
- **Using precise spatial measurement both to monitor change and help implement adaptation strategies**
- **Developing and managing land information databases**
- **Undertaking long-term land use planning**
- **Helping to develop adaptation strategies**

11/07/2014

FIG General Assembly, Kuala Lumpur 2014

4

**YOU CONTROL
CLIMATE CHANGE.**



**Thank you to the
skilled team of
authors and
contributors**

11/07/2014

FIG General Assembly, Kuala
Lumpur 2014

5



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

FIG Task Force on: Property and Housing



Chryssy Potsiou, Assist Prof, FIG Vice President
chryssyp@survey.ntua.gr
National Technical University of Athens, Greece

- Chair
Chryssy Potsiou, *FIG Vice President*
- Members:
Raymond Chan, *Hong Kong SAR, China*
Steven Nystrom, *USA*
Bozena Lipej, *Slovenia*
Winrich Voss, *Germany*
Junping Liao (Patrick), *China P.R.*
Collins Kowuor, *Kenya*
- Contributors from various countries

TF established in Morocco 2011

- TS in Rome 2012
- TS Uruguay 2012
- Workshop in Athens 2012
- TS Nigeria 2013
- Workshop in Skopje Nov 2013
- UN ECE Ministerial Meeting Geneva 2013
- INTERGEO EURASIA, Istanbul, 2014
- TS Kuala Lumpur 2014

Methodology

- Internet research
- Existing literature
- Case studies
- Technical Sessions
- Workshops

Information collected so far:

- Germany
- Hong Kong SAR China
- Kenya
- Greece
- Italy
- Uruguay
- Nigeria
- Malaysia

background

In many countries **Surveyors** are expected to identify **land tools and good governance practices** that will facilitate:

- privatization of land, real estate and property registration,
- secure access to land and property rights,
- secure mortgage rights and real estate markets,
- formalization of informal housing,
- sustainable housing and housing rights,
- zoning, planning and building code revisions,
- energy efficiency and green housing,

within an unpredictable economic and social environment



background

characterized by certain fundamental factors affecting the housing markets:

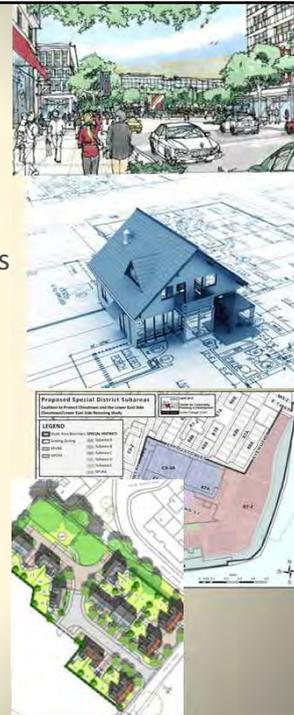
- recession, unemployment, difficulty of finding jobs,
- significant decrease in access to financing, tougher lending standards: no more liar loans, bigger down payments, closer look at incomes
- tougher appraisal standards,
- growing affordability problems even for those who do have a job due to wage and benefit cuts,
- rising taxes,
- overleveraged consumers,
- a change in consumer attitudes regarding housing as an investment,
- a new frugality in consumer attitudes towards debt in general,
- corruption and confusion in land and housing regulatory framework

Objectives

The FIG Task Force investigates challenges and major threats and tries to identify a **new role for the surveyor**.

It develops awareness, vision and key strategies as well as investigates tools and techniques around:

- institutional development, legislation,
- improvement of coordination of various stakeholders in the housing markets,
- land tool development for affordable housing,
- Examples of good practice



Deliverables by the end of 2014

- ✓ Joint FIG/UNECE Publication on *Informal Development. Challenges and Solutions from South-East Europe*
- Contribution to a peer reviewed book on *The Housing Markets of Southern Europe in face of the Crisis*
- FIG publication on *Property and Housing. Planning for Affordable Housing: A New Role for the Surveyor*

Report

*Joint FIG Task Force on Property & Housing &
FIG Com3 /UN ECE WPLA Workshop on
Informal development, property & housing
10-14 Dec 2012, Athens*

107 participants from 28 countries & WB, UNECE

73 papers in total (67 presented), 16 sessions

48 papers on Property and Housing:

16 on informal development

15 on housing & property markets

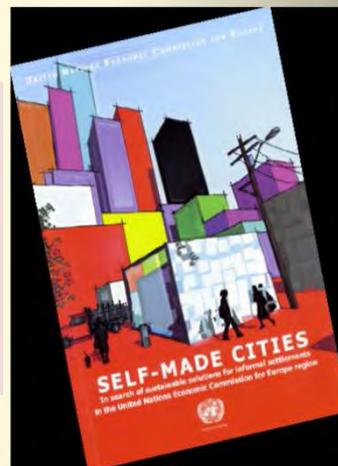
(17 about Greece)



Joint FIG / UNECE WPLA publication: **Informal Development. Challenges and Solutions from South-East Europe**

Purpose: update the 2009 research on
"Self-made cities" (UNECE
publication)

- progress of legalization and integration of informal housing development in UNECE;
- examples of good practice;
- remaining obstacles; new weaknesses;
- tools in order to eliminate the phenomenon in future



Joint FIG / UNECE WPLA publication

Structure

1. General aspects on current informal development, causes, types, statistics, impacts, past experience, current legalization projects
2. Case studies in selected countries (Albania, Cyprus, Greece, Former Yugoslavia Republic of Macedonia, Montenegro) : **in-depth research**,
3. Discussion-lessons learnt
4. **Tools & Policies** to avoid the phenomenon
5. conclusions, proposals

Time schedule:

- Finalized,
to be presented at UN ECE CHLM in September for approval
- Peer reviewed by Prof Paul van der Molen

The research will continue for other countries in Caucasus region.

Thank you!



I am here today because

TCG, HARSE and my University supported my work through the years and **have declared their intention to continue to do so.**

But mainly I am here because You have encouraged my participation more and more, year after year.

I have enjoyed that 30 years of active participation with You and it is because of Your trust and respect that I volunteer to keep working.

I consider this a challenge worthy of the hard work, devotion, commitment and profitless contribution it demands.



"The future of the profession is in our hands"

Chryssy Potsiou
 Candidate for FIG President

FRESH PERSPECTIVE

WE WORK SMART
 United
 Inclusive
 Sustainable and Achievement Focused
 + developing strong synergies

BIOGRAPHICAL NOTES



Associate Professor
 School of Rural and Surveying Engineers, National Technical University of Athens Greece



Board of HARSE (Hellenic Association of Rural and Surveying Engineers) elected member

Research activity

- Photogrammetry
- Cadastre, Property Markets
- Land management
- Urban planning
- SIM
- Informal development
- Boundary disputes resolution

Private consultancy in the above fields




Positions of Trust



UNECE Working Party on Land Administration elected bureau member (2001-today)

Delegate in FIG from Technical Chamber of Greece (1999-today)

Member of the **Board of Directors of the Hellenic Mapping and Cadastre Organization (HEMCO)** (2009-2010)

Member of the **Board of Directors of KTIMATOLOGIO SA Greece** (2009-2013)

Hellenic Society for Photogrammetry and Remote Sensing elected bureau member (1992-today)

Hellenic Society for Geographic Information elected bureau member (2002-2004, 2004-2006, 2008-2010)



CONTRIBUTION TO

Current positions

- FIG Vice President
- chair FIG TF on Property and Housing

Previous positions

- **FIG Commission 3 chair** (2007-2010)
- ACCO representative to FIG Council (2007-2008, 2009-2010)
- FIG Chief Editor for the peer review in FIG WW 2008 and FIG 2009
- FIG Commission 3 WG chair (1999-2006)

Participation in FIG since 1983

Organization of Workshops and Meetings







MY PLAN



FIG is a multilateral platform with a great level of diversity

To work smart to
 facilitate greater *cooperation and integration*
 promote *sustainable development and prosperity* in our world
 enhance the effectiveness of our members through the *regional implementation of our outcomes*

To work with our
 Commissions
 Young Surveyors
 member Associations
 Affiliates
 Academic members
 Corporate members
 Correspondents
We are United & Inclusive






Dr Diane Dumashie

FRICS, CEDR, APM



Candidate for FIG Vice President

- Who I am
- What I stand for

FIG FIG 25th Congress, Kuala Lumpur - 16th -21st June 2014



Reflections



- What was your first job?
- Which 3 people have influenced you in your life?
- What are the qualities that you most admire in others?
- Which celebrities/ politicians would you not want to be stuck in a lift with?
- What single thing would make your life easier.....

Dr Dumashie Candidate for VP



Professional Background

First decade

- London management consultancy, Commercial development & acquisitions (Retail & leisure) achieved Property Director.

Mid and Third decade

- PhD, London Planning Development Consultancy, Independent Practice clients in UK (Public sector) and Africa (Donor agencies) – land regeneration, institutional building.

Current Boards:

- UN Habitat Advisory Group on Gender Initiatives, RICS Governing Council, RICS Head FIG delegation, RICS SW Regional Board.

Former Boards:

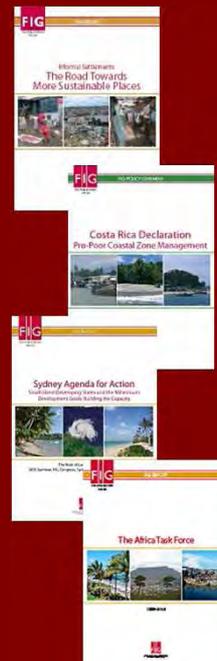
- RICS Presidents Commission on Climatic Disaster Management, Wessex Local Association, RICS Environment Professional Group, Chair FIG Commission 8 (2 terms).



Dr Dumashie Candidate for VP

FIG Contribution

- Leadership:
 - Chair Africa Task Force 2009-14
 - Commission 8 Chair (2 terms)
 - Convenor SIDS 2010
- Representative:
 - WUF, African Union, GLTN
- Workshops:
 - Designed & delivered; Commission 8, ATF, SIDS, including detailed reports/ manuals
- Publications:
 - Author/ Editor, SIDS declaration, Informal settlements, Costa Rica declaration, ATF



Dr Dumashie Candidate for VP

Why- I will make a good VP



What I will bring to the FIG Council
.....over a decade's experience of
active involvement:

- An intent for:
 - Clarity
 - Purpose
 - Action

To explain....

Dr Dumashie Candidate for VP 

Clarity & Collaboration



**Business and land professional
experience:**

- 25 years of working in land, property in Public, Private and with NGO sectors provides me with an understanding of the new market challenges in which professionals operate.
- I am adept at high level deliberation and collaboration, negotiation, thinking and acting strategically.

Dr Dumashie Candidate for VP 

Purpose & Reliability



Concise and considered strategic perspectives:

- I believe the role of our organisation is to
 - - achieve a balance between the differing needs of a broad profession
 - - operating in the face of significant economic and global trends.
- International Community Partnership:
AU/ GLTN/ COMESA/ MIDA (USA) / WB/
Swede Survey/ Country Land Agencies

Dr Dumashie Candidate for VP



Action



My promise to you

- To give my commitment to work with the Council to the best of my ability in the context of that council
- Evidenced by my past - *Passion, Confidentiality, Commitment, Reliability, Courage & Flexibility*

Dr Dumashie Candidate for VP



....and



My heart is in the outdoors,

Where the
Land meets the Sea

Dr Dumashie Candidate for VP



Thank You
for
Your Kind Attention

Dr Dumashie Candidate for VP







Kate Fairlie



Surveying &
Spatial Sciences
Institute,
Australia

Nomination for Vice-President
2015 - 2018



Kate Fairlie

- Active in FIG since 2006
- Chair FIG Young Surveyors Network 2010 – 2014
- Co-written and presented FIG conference papers across Commissions 1, 2, 3, 5, 7, 8
- Experience across Oil & Gas, GIS, Environmental Consulting, Land governance and development, Government and Academic sectors
- Lived and worked in Europe, Asia, Africa and Australia



Vision for FIG

- Remain the **leading professional body** for National Surveying Associations
- Continue to **drive international surveying policy**
- **Strengthen partnerships**
- Continue to drive and **publish** world leading research
- Continues to support and **foster industry** and corporate members
- Continue to **promote the image of surveying** internationally



Vision for FIG

- Continues to recognise and promote young surveyors
 - As critical to the *present* and *future* of the profession.
 - As valuable contributors *now*.
 - As those who *will be* held accountable for our actions now.



Some stats.

- Over 50% of the world's population is under 30
- In 2015 there will be more cellular connections than people

These are the people we are surveying for.

These are the people who will become surveyors.



What Google has to say about surveying





Experience

Conference coordination and development

- Second Young Surveyors Conference, KL, FIG2014
- Pacific SIDS Symposium co-coordinator, Fiji, 2013
- Inaugural Young Surveyors Conference, Rome, FIG2012
- Young Ambassador for FIG2010

Delivery of FIG Agreements

- YSN coordination of STDM Training of Trainers



Experience

FIG Representation

- Represented YSN at UN-Habitat World Urban Forum 2012, 2014; GLTN Expert Group Meetings on Youth; World Bank Annual Conference on Land & Poverty 2014, SEASC2013, ISPRS2012

Social Media, Communications and Promotion

- YSN Facebook has grown 1200 followers since February (now has 3700+ followers)
- YSN also hosts Twitter, LinkedIN, Youtube pages
- Close relationship with other Commissions, FIG Corporate sponsors and FIG Foundation



So what do I bring to the table?

Innovative ideas

Broad exposure across ALL Commissions

Close relationship with FIG Office

Extensive, diverse experience

Young surveyor linkages

Strong linkages to Asia, Pacific and Africa

Candidate for FIG Vice President

**Emeritus Professor John Hannah
New Zealand**



Useful Candidate Qualities

- Proven governance experience
- Wide professional experience
- Strategic planning experience
- Fiscal capabilities
- Provides regional representation





Professional Background

- 1968-1971 BSc (Surveying), PGDipSci (Univ. of Otago)
- Registered Surveyor (1974)

Cadastral and topographic surveying
Geodesy
Photogrammetry
Education - curriculum development, teaching and research

- 1993 -2005 Head, School of Surveying, Univ. Otago, NZ
- 2006- 12 Professor, School of Surveying, Univ. Otago. Now Emeritus Professor and Managing Director, Vision NZ Ltd.



Governance Experience

- 1993 – 2005. Council, NZ Institute of Surveyors

Professional Organisation
Government Commercial Entity
Private Company

- 2008 Past President, NZIS, Elected Fellow NZIS
- 2009-present. Managing Director, Vision NZ Ltd.
- 2011-14 Chair, FIG Climate Change Task Force

The Future for FIG

- 
- **Package** our core skills
 - **Promote** the capabilities of the surveying profession
 - **Participate** in major global forums, dealing with global issues

Mikael Lilje Sweden

FIG Vice President candidate 2015-18



LANTMÄTERIET

Who am I?

- Head of the Geodetic Research Division at Lantmäteriet (the Swedish mapping, cadastral and land registration authority)
- Long active history within FIG and FIG Commission 5
- Active in other international organizations as Nordic Committee on Geodesy and EuroSDR.
- Friendly, Approachable, Well known, a "doer".
- Extensive knowledge and practical experience with Commissions' field of interest, aware of emerging issues, and also the workings of ACCO and the Office.
- Married and father to Emma and Jacob



LANTMÄTERIET



Looking back on my FIG achievements

- One of the main drivers of FIG Commission 5 since 1998.
- Secretary, co-chair WG, chair WG, Chair of the Commission.
- Personal focus on geodetic reference frames (SIRGAS, APREF, AFREF, EUREF etc)
- Another personal focus has been the co-operation with sister organisations and UN agencies as UNOOSA – ICG.

One notable achievement

Technical Seminar on Reference Frame in Practice

4-5 May, 2012, Rome, Italy
21 – 22 June 2013, Manila, Philippines
18-20 September 2013, Fiji



Another notable achievement

International Collaboration

With **United Nations agencies**

- UN Office for Outer Space Affairs (UN OOSA);
in particular the ICG – International Committee on GNSS
- UN Global Geospatial Information Management (UN GGIM);
in particular UN GGIM AP Working Group 1 (Geodetic Reference Framework for Sustainable Development)

With **international professional organisations** in surveying disciplines as:

- International Association of Geodesy (IAG);
- International Society for Photogrammetry and Remote Sensing (ISPRS) and
- The Institution of Navigation (ION)



Lets look forward! What do I want to focus on?

- Still very motivated!
- Greatest support from my employer and member organisation.
- We need to make sure that our goals are achievable, we need to have a clear objective, and we need to ensure that we use our resources wisely to obtain maximum results.



LANTMÄTERIET

Lets look forward! What do I want to focus on?

- I want to ensure and enhance the global profile of FIG! FIG is today recognized as a significant international organization to UN based groups such as UN-GGIM, UN-Habitat and UN-OOSA.
- I want to increase the role FIG plays with other technical or similar international associations such as e.g. the International Association of Geodesy. FIG plays a vital role in the professional development of ALL surveyors and their networks.



LANTMÄTERIET

What do I want to focus on within FIG?

- We need to be available at the 'grass root' and operational level for the surveyor, especially in the emerging countries of the world.
- FIG need to facilitate the sharing of knowledge, the education and promotion of the surveying discipline.
- The FIG-logo or badge must be more visual to our members, surveyors and the spatial industry.
- I am of the opinion that FIG can improve its relationship with our Corporate Members so as to motivate them to continue the provision of e.g. financial and technical support, which will ultimately benefit FIG and themselves.
- **We should consider ourselves as a team!**



LANTMÄTERIET

Enjoy the FIG Congress and looking forward discussing further with you!

Mikael Lilje

Vice President candidate 2015-18



LANTMÄTERIET

HELSINKI



Finnish Candidacy for FIG Working Week 2017 in Helsinki

Finns Are Quiet and Reserved



100 Years of Finnish Independence in 2017



Finns Are Open and Relaxed

Tango Festival



Swamp Soccer



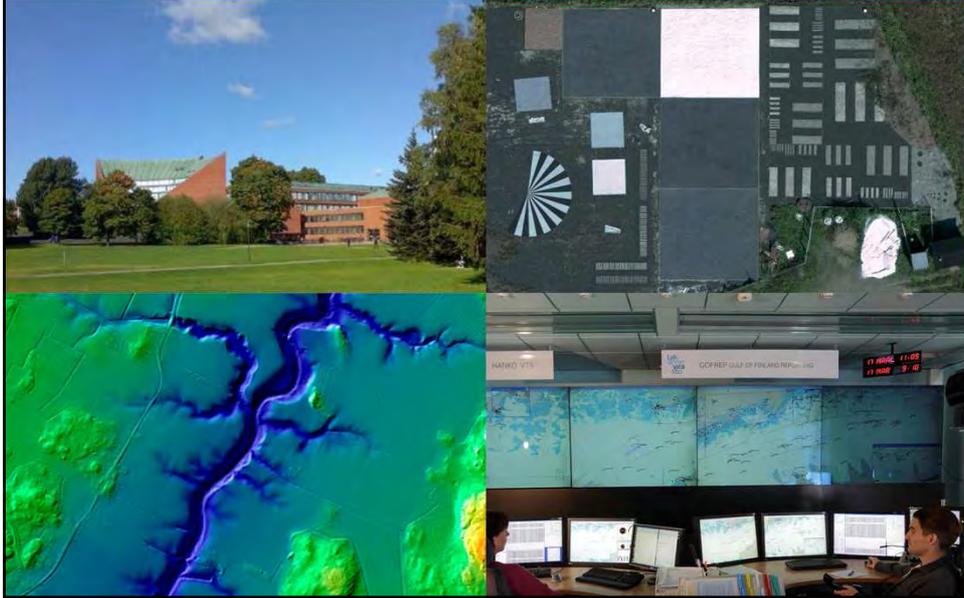
Why Helsinki?



Culture and Sports



High Quality Education, World Class Research, Advanced Implementation



Easy to Reach



A Compact City That Works



Surrounded by Sea



Relaxed, Friendly and Safe Atmosphere



Exotic East Meets Scandinavian Simplicity



Special Venues for Social Events



Tours and Excursions

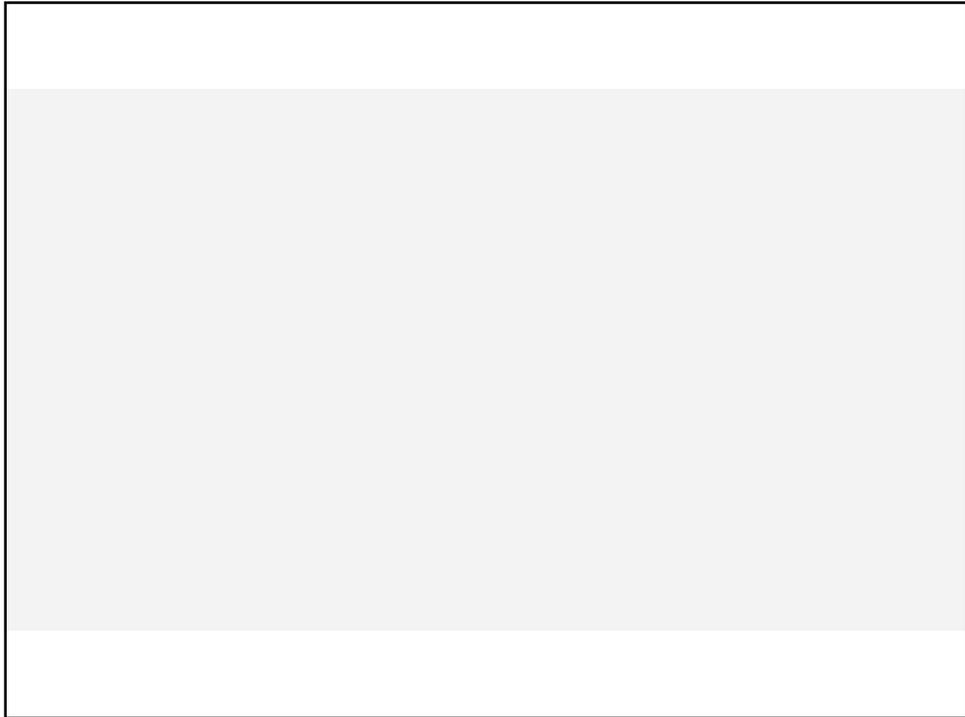


Finland Beyond Helsinki – Lake Region



Finland Beyond Helsinki - Lapland





Welcome to Helsinki in May 2017!



**FIG Working Week 2017
in Nepal**



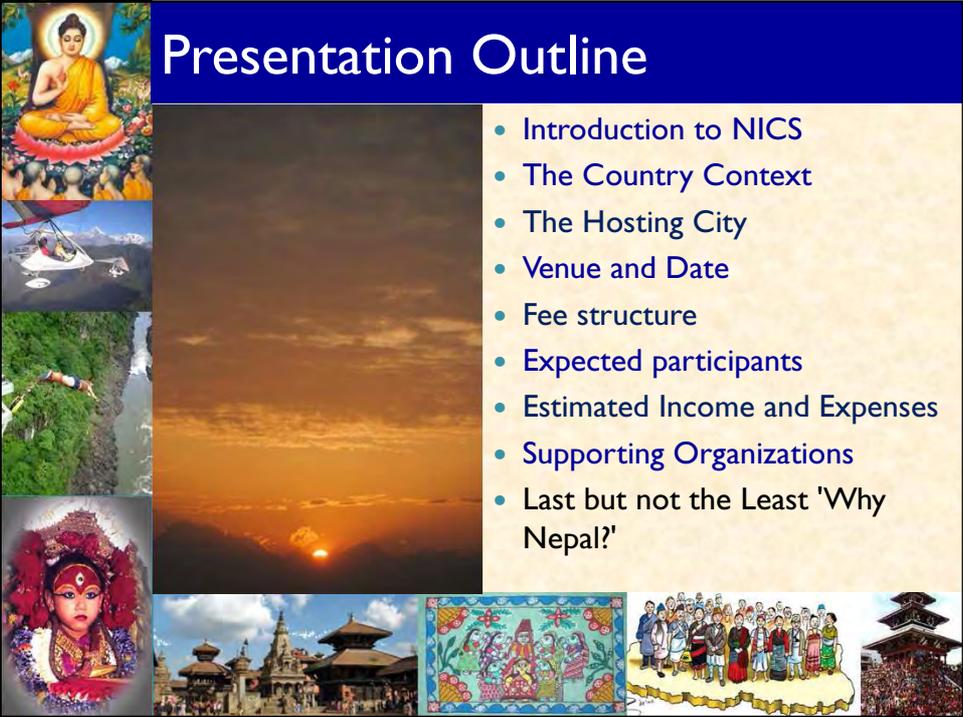

Proposed by
Nepal Institution of Chartered Surveyors (NICS)

Presented by:
Buddhi Narayan Shrestha
President, NICS




Presentation Outline

- Introduction to NICS
- The Country Context
- The Hosting City
- Venue and Date
- Fee structure
- Expected participants
- Estimated Income and Expenses
- Supporting Organizations
- Last but not the Least 'Why Nepal?'



Introduction to NICS



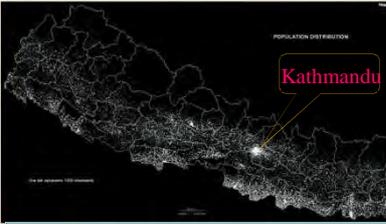
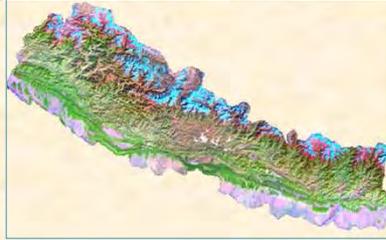

- Nepal Institution of Chartered Surveyors (NICS) is an association of licensed surveyors of Nepal licensed under the provision of Article 11(E) of Land (Surveying and Mapping) Act, 1963.
- It was established in 2008 aiming to contribute in professional development in the country along with professional security of its members.
- The association is the only professional association that is a Member Association of FIG in Nepal.
- NICS is constantly making efforts for professional development in Nepal

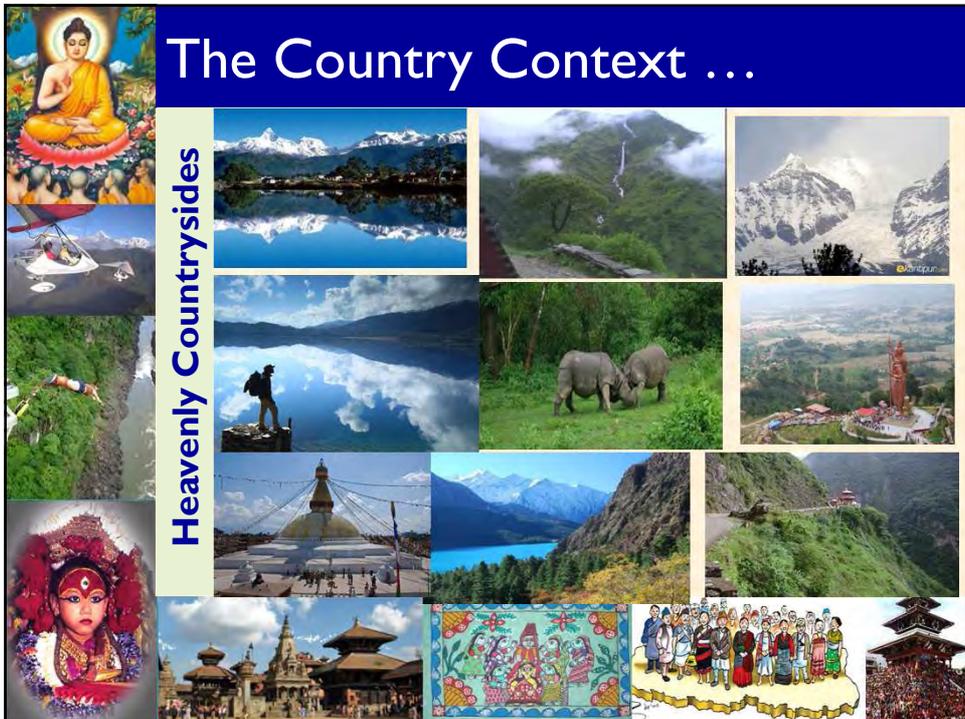


The Country Context



- Landlocked Himalayan Country in South Asia
- Federal Democratic Republic Country
- Area: 147,181 Km²
- Population: 26.6 million
- Multi-lingual, multi-ethnic, and secular country with diverse culture
- Uneven geographical terrain (ranging from 60 m in the south to 8848 m in the north from MSL)

Hosting City: Kathmandu

- Capital City
- City of Temples
- City of festivals
- City of Traditional Architecture
- City of Living Goddess 'Kumari'

Sight Seeing Near Kathmandu Valley

- Historical Palaces in the capital city
- Temples with traditional architectures
- Bungi Jumping - 80 Km from the city
- Mountain Flight, through the whole mountain range
- Beautiful city of Pokhara- in about 150 km
- Villages with traditional culture , in the suburbs of the city
- Birth Place of Lord Buddha - 230 km, flight service
- Nagarkot: Fundamental Base Point for Nepal's Geoid, beautiful scene of sunrise, in 40 Km from the city
- Tallest Statue of Lord Shiva, 20 Km from the city



Surveying Profession in Nepal

- There are more than 5,000 practitioners of Survey Profession
- In recent years, university education (under graduate and graduate level) is available within the country
- **Survey Department**, the NMO, is principal government authority to regulate the profession in the country
- The country has achieved nation wide coverage of cadastral survey, topographic map series and network of control points
- In recent years, involvement of private sector in Surveying and Mapping activities is growing rapidly




Proposed Theme of the Event

Surveyors with Society
 for
 Spatial Enablement



Venue



Birendra International Convention Center (BICC)

- designed to serve the world class professional and government leaders by combining modern efficiency with traditional Nepalese hospitality, a unique blend of Nepalese and modern architecture.
- sufficient rooms/halls are available for conducting technical sessions and exhibition
- was the venue for 23rd ACRS, 2002



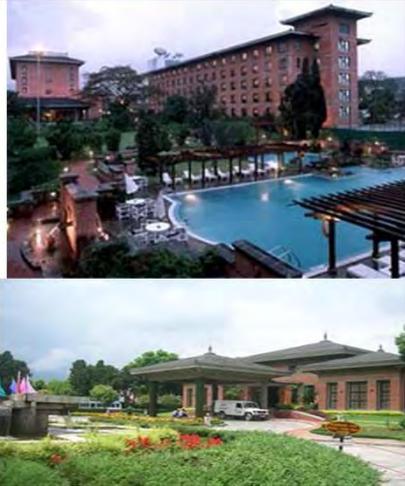


Venue- alternative



Soaltee Crown Plaza

- alternative venue
- a five star hotel
- spread over 11 acres of space surrounded by manicured gardens and with views of the mountain ranges.
- has sufficient facilities to organize international events







Venue- next alternative

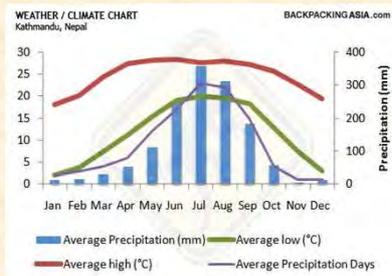
Hotel Yak and Yeti

- the second alternate venue
- A five star hotel situated in the heart of the city
- All the facilities available for the event



Proposed Date

- Second week of April, 2017
 - Pleasant weather
 - Participants can go for light travel
 - Peak touristic season
- The date can be negotiated as per the convenience of FIG





Expected Participants & Fee Structure

- International Participants with Full Registration Fee: 500
- Accompanying participants: 50
- International Students: 100
- Local Participants: 200 (Professionals, Students)

International Participants

Early Registration Fees (US\$)			Late Registration Fees (US\$)		
Conference	Acco. Person	Students	Conference	Acco. Person	Students
750	300	250	1,000	500	300

Nepalese Participants

Conference	Acco Person	Students	Conference	Acco Person	Students
75	35	30	100	40	40



Facilities and additional charges

- Full registration fee and students' registration fee include
 - admission to **all the indoor events, exhibition, welcome reception, and lunch and tealcoffee** during the event
- For the technical and social tours, and Farewell banquet participants are to register and pay separately.
 - Estimated cost for social tour in Kathmandu Valley = US\$ 50
 - Estimated cost for the farewell banquet = US\$ 30
- US\$ 15 to be spared in the registration fee of the International participants for FIG Foundation.
- 2% of the early registration fees to be allocated for subsidizing or waving registration of fees for students and presenters of peer reviewed papers from developing countries





Estimated Income

S.No	Item	No.	Rate (US \$)	Total
1	International Participants with full registration	500	750	375,000
2	Accompanying Person	50	300	15,000
3	International Students	100	250	25,000
4	Nepalese Participants with full registration	50	75	3,750
5	Nepalese Acco. Persons	50	35	1,750
6	Nepalese Students	100	30	3,000
	Total			423,500

This estimation does not include the income from exhibition, sponsorship, government donation etc




Estimated Expenses

S.No	Items	Unit	Rate	Total
1	Venue	5	10000	50,000
2	Welcome Reception with Social Evening	850	30	25,500
3	Lunch (5 days for 850 persons)	5*850	20	85,000
4	Tea/Coffee/Drinking Water	5*850	7	29,500
5	Office Expenses	1	50000	50,000
6	Stationeries	850	30	25,500
7	Advertisements	1	25000	25,000
8	Printing Proceedings	1500	20	30,000
9	Travel & Acco. of FIG Officials	6	5000	30,000
10	Misc (including subsidies)	1	25000	25,000
	Total Expenses			375,000

Auditing of the Expenses will be done as per the rules of the Government of Nepal and will be made public through the webpage.





Financial Issues

- Estimations of Income and Expenditure are on the assumption that all the expected number of participants get registered in time.
- The cost may vary according to the market price of the time
- Expected Surplus Budget= US\$ 48,500
- The income from Sponsorship, exhibition, government donation, etc has not been included
- Net benefit to be shared on fifty-fifty basis between FIG and NICS, excluding the amount to be allocated for FIG Foundation



Arrangement of Activities

- The activities during the week (5 Working Days):
 - Opening ceremony,
 - Reception Dinner
 - technical conferences,
 - meeting
 - Social tours
 - Exhibitions
 - Social events
 - Closing ceremony
- Country's President or Prime minister will be requested to be the Chief Guest of the Opening Ceremony.
- Details of the program will be developed in consultation with FIG.





Supporting Organizations

- Survey Department (www.dos.gov.np)
 - The National Mapping Organization of Nepal
 - Affiliate Member of FIG
- Land Management Training Center (www.lmtc.gov.np)
 - Government Agency responsible for human resource development in the Surveying and Mapping Sector
 - Academic Member of FIG
- Kathmandu University, Department of Civil and Geomatics Engineering (www.ku.edu.np)
- Tribhuvan University, Institute of Engineering (www.ioe.edu.np)
- Nepal Surveyors' Association (NeSA)



Accessibility Issues

- Daily flight available from
 - Istanbul
 - Bangkok
 - Qatar
 - Doha
 - New Delhi
 - Hong Kong
 - Kuala Lumpur
- Participants from the most of the countries can get visa 'on-arrival'





Last but not the Least, 'Why Nepal?'

- To make the participants understand the problem of Surveying Profession in the region
- To offer the opportunities of exposure to the Surveyors of the region at international forum
- Especially, to boost up the profession in the region
- First experience in the South Asian region



Last but not the Least, 'Why Nepal?'

- Cheaper accommodation for students, and those who wish to have it
- Safe destination for the international visitors
- Highly recognized tourist destination, to explore naturally Nepal

**Ultimately, I ask you to favor Nepal
for the "representation of under-representive"**





Thank You !!

**Welcome to
Kathmandu, Nepal**

in 2017

Organised by:



INTERNATIONAL
FEDERATION OF
SURVEYORS



PEJUTA
ASSOCIATION OF AUTHORISED
LAND SURVEYORS
MALAYSIA

“Engaging the Challenges,
Enhancing the Relevance”

XXV FIG Congress 2014
Kuala Lumpur, Malaysia 16–21 June 2014

Platinum sponsors:








**37th
General
Assembly**

**Agenda Item 20:
Decision on the Venue for 2017 FIG Working Week**



For 2017 FIG Working Week, three bids were received from:

- Finnish Association of Geodetic and Land Surveyors (MIL) and Finnish Association of Surveyors (MAKLI) with the National Land Survey of Finland (NLS) as partner in **Helsinki**
- Nepal Institution of Chartered Surveyors (NICS) in **Kathmandu**
- Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) in **Hanoi**



Evaluation Criteria –

- Finance
- Completeness of proposal
- Executing abilities of bidding association(s)
- Governmental support
- Supporting organisations
- Venue
- Accommodation
- Security
- Access
- Rotation of venues
- Objectives and outcome
- Suggested theme or focus
- Track record - events organised in the past 3 years
- Initiatives for sustainable conferencing environment
- New initiatives or activities
- Legacy to leave



Assessment system for evaluation designed on a 1-5 scale:

- 1 – expectation not met or no information given
- 2 – below expectation
- 3 – meeting expectation
- 4 – exceeds expectation
- 5 – extraordinary above expectation



MIL & MAKLI with NLS in Helsinki	NICS in Kathmandu	VGCR in Hanoi
80%	37%	68%
Exceeds Expectation	Below Expectation	Meeting Expectation

Organised by:



INTERNATIONAL
FEDERATION OF
SURVEYORS



PEJUTA
ASSOCIATION OF AUTHORISED
LAND SURVEYORS
MALAYSIA

“Engaging the Challenges,
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XXV FIG Congress 2014
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Platinum sponsors:








**37th
General
Assembly**

**Agenda Item 21:
Decision on the Venue for 2018 FIG Congress**



For 2018 FIG Congress, one bid was received from:

- Turkish Chamber of Survey and Cadastre Engineers in **Istanbul**



Evaluation Criteria –

- | | |
|--|---|
| <ul style="list-style-type: none"> • Finance • Completeness of proposal • Executing abilities of bidding association(s) • Governmental support • Supporting organisations • Venue • Accommodation • Security • Access • Rotation of venues • Objectives and outcome | <ul style="list-style-type: none"> • Suggested theme or focus • Track record - events organised in the past 3 years • Initiatives for sustainable conferencing environment • New initiatives or activities • Legacy to leave |
|--|---|



**Technical Chamber of
Survey and Cadastre
Engineer in
Istanbul**

82%

Exceeds Expectation



6th tourism destination
10 million visitors (2013)
Worlds' #1 Congress Destination





Star Alliance Member
 Over 250 direct flights
 World's #1 airline flying to most countries



Easily accessible from all around the world
 2 international airports

Atatürk International Airport
 European Side
 20 km from the city centre
 135.000 passangers a day

Sabiha Gökçen International Airport
 Asian Side
 50 km from the city centre
 19 million passangers a year

The 3rd International airport is planned to be completed within the next years with 150 million capacity.





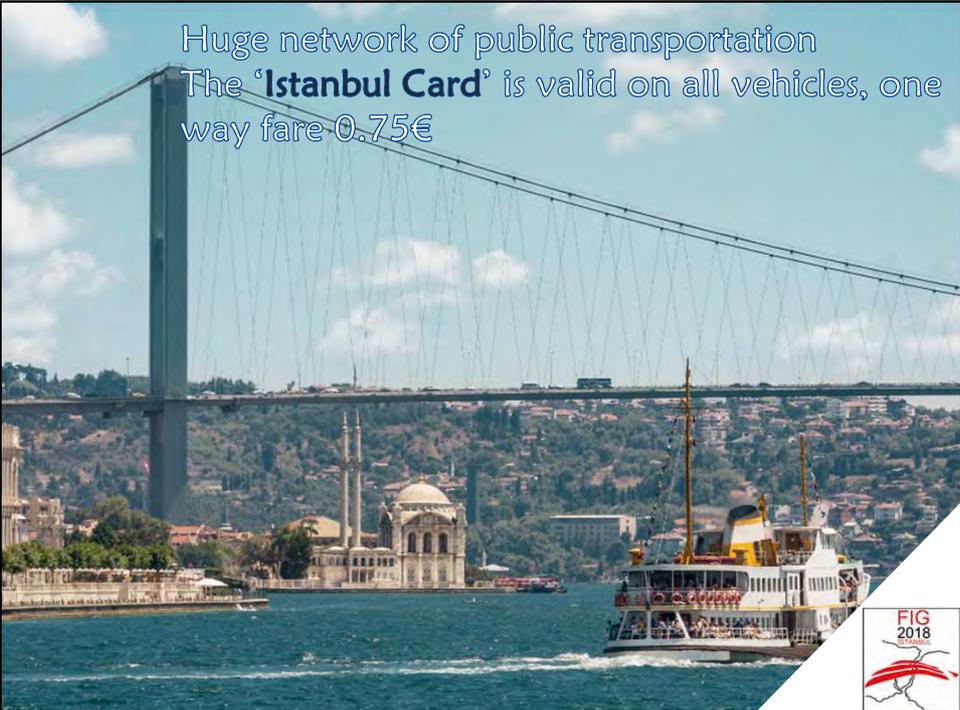
NO VISA PROBLEM
71 countries do not require a visa
41 countries can purchase a visa at the border OR e-Visa

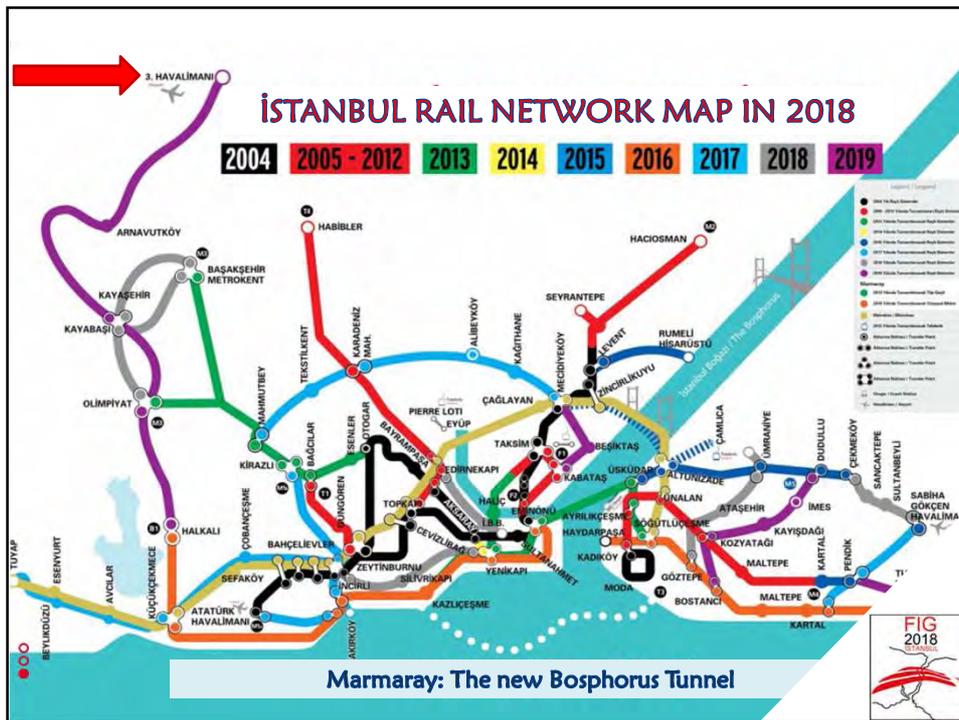


<http://www.mfa.gov.tr>



Huge network of public transportation
The '**Istanbul Card**' is valid on all vehicles, one way fare 0.75€





TURKISH CHAMBER OF SURVEY AND CADASTRE ENGINEERS

1. 10 branches
2. 5 regional representations
3. 150 provincial representations
4. 3000 registered members

CSCE and FIG Collaboration:

1. CSCE is a proud and strong member of FIG since 1969
2. Full coverage of all FIG Commissions

Organized events with the support of FIG:

1. FIG 7th Commission Annual Meeting, Istanbul '73/'89
2. International Symposium on Deformation, Istanbul '94
3. International Symposium on GIS/GPS, Istanbul '97
4. International Symposium on GIS and Annual Meeting of FIG COM3, Istanbul '02
5. Young Surveyor Days, 2005



Supporters of FIG2018 ISTANBUL



Dr. Abdullah Gül

President of the Republic of Turkey

Recep Tayyip Erdoğan

Prime Minister of the Republic of Turkey

Prof.Dr.Besir Atalay, Deputy Prime Minister

Promotion Fund of the Prime Ministry

Prof.Dr.Ahmet Davutoglu

Minister of Foreign Affairs

Province of Istanbul

Istanbul Metropolitan Municipality

General Directorate of Land Registry and Cadastre

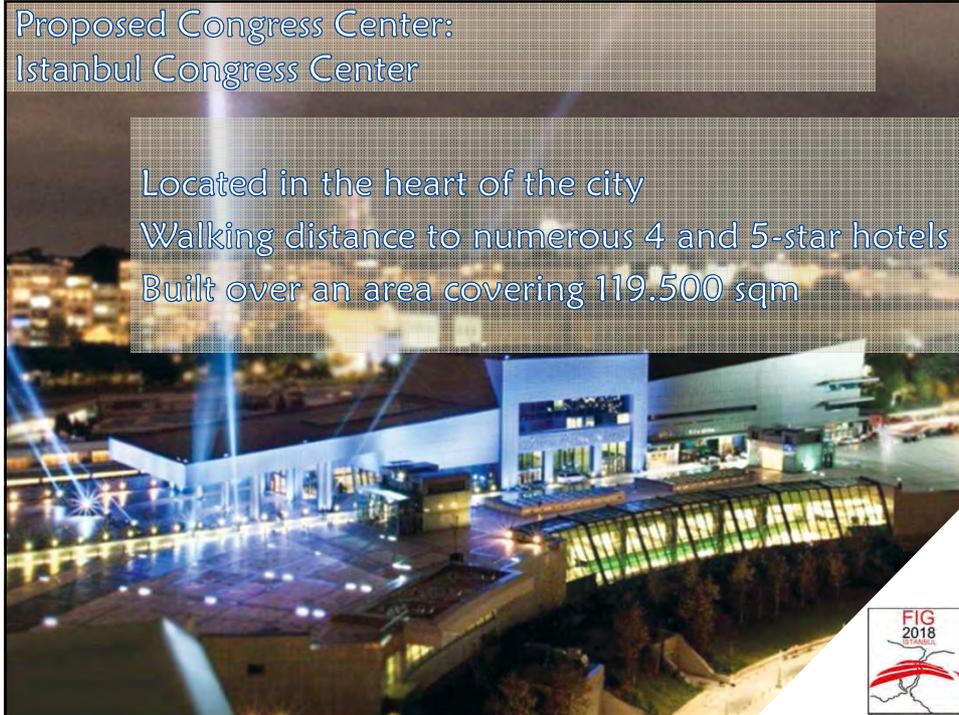
General Directorate of Agrarian Reform

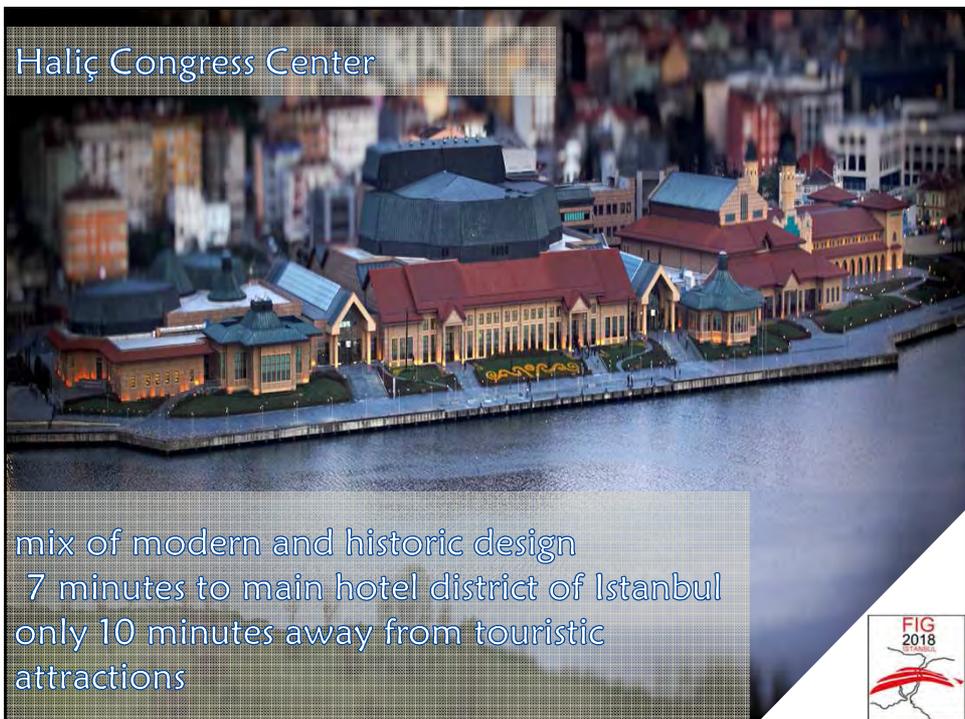
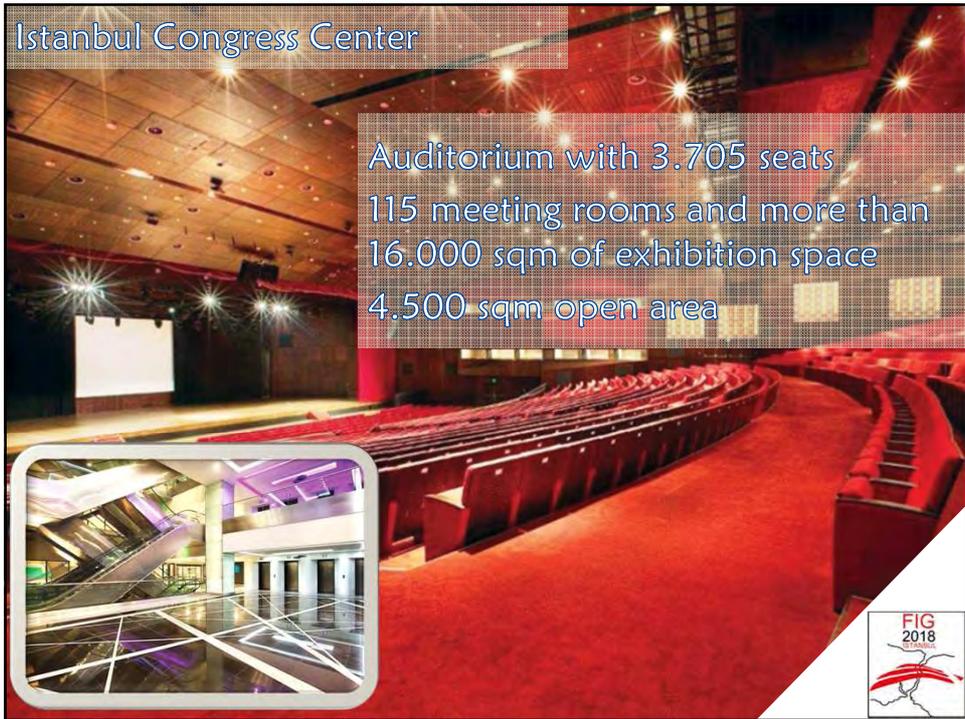
Universities



Proposed Congress Center: Istanbul Congress Center

Located in the heart of the city
Walking distance to numerous 4 and 5-star hotels
Built over an area covering 119.500 sqm







Category	Number of properties	Number of rooms
5 star hotels	114	29,539
4 star hotels	153	18,518
3 star hotels	129	7,732
2 star hotels	49	1,586
1 star hotels	11	364
Special category hotels	133	5,084
Golf Hotels	1	340
Motels	1	32
Pensions	4	35
Apart Hotel	4	430
Municipality licensed 2nd and 3rd class hotels	809	23,641
TOTAL	1408	87,301

Category	min.	max.
Hostels	10 €	60 €
1 & 2 & 3 Star	45 €	110 €
4 Star	60 €	240 €
5 Star	80 €	330 €



Social & Technical Tours

1. Hippodrome
2. Blue Mosque
3. Topkapı Palace Museum with Treasury Section
4. Mosque of Suleyman the Magnificent
5. Church of St. Saviour in Chora

Excursions

1. Regional Directorate of Land Registry and Cadastre
2. Istanbul Municipality Surveying/Planning/GIS Department
3. Kandilli Observatory and Earthquake Research Center
4. Harbiye Military Museum
5. Yildiz Technical University Surveying Department
6. Private Companies



Proposed unusual venues for Foundation Dinner and Gala Dinner

- 10C1 DIREK CISTERN
- ÇIRAĞAN PALACE
- ICEC RUMELİ TERRACE
- ISTANBUL CONGRESS CENTER – ICC TERRACE
- SHORES OF HALIÇ-HALIÇ CONGRESS CENTER




**DESPITE TO INTENSIVE COOPERATION OF OUR
CHAMBER WITH THE FIG,
NEITHER AN FIG CONGRESS NOR A WORKING
WEEK HAS BEEN LAUNCHED IN TURKEY UNTIL
NOW.**



**WE DECLARE OUR CANDIDATESHIP HERE IN KUALA
LUMPUR TO MEET AGAIN IN
ISTANBUL IN 2018.**



FIG 2018 ISTANBUL

**LET`S MEET WHERE
Continents & Cultures,
Past & Present,
Old & New,
Modern & Traditional
MEET....**



LET`S MEET IN ISTANBUL



FIG Corporate Members Report

Brent Jones, Esri



FIG – General Observations

Finances



Costs – Holding the Line

FIG – General Observations

Membership



Stable finances makes membership
good value for new members

Need Recruitment Effort

FIG – General Observations

Membership



Stable finances makes membership
good value for new members

Need Recruitment Effort

2015 Sophia



2016 Christchurch



FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND
2-6 May 2016



Recovery
from a natural disaster

Kuala Lumpur Congress

- Sessions 
- Exhibits 
- Wireless 
- AC 
- Venue 
- Food 
- Local Organization 



Young Surveyors Sub Events:-
<http://www.fig.net/fig2014>

01 Social Tenure Domain Model (STDM)
 Training of Trainers
 13th - 16th June 2014
 PNB Darby Park

02 2nd Young Surveyors Conference
 17th - 19th June 2014
 Impiana KLCC Hotel

03 1st Asian Pacific FIG Young Surveyors
 20th June 2014
 Impiana KLCC Hotel

FIG KUALA LUMPUR 2014
 XXV FIG Congress
 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

Young Surveyors Network

Organization

Local Organization

Old Surveyors Participation

Venue

Integration

ABOUT 3,766 members

Open Group

Welcome to the FIG Young Surveyors group!
 For all spatial professionals under 35. But we also accept young at heart!

3,766 members (58 new) Invite by Email

Share facebook page with your young surveyors.....

Prime Minister Najib



Najib (tengah) mencuba alat pengukur pemetaan antik yang diterima beliau sebagai cenderamata selepas merasmikan Kongres Ke-25 Persekutuan Juruukur Antarabangsa di Kuala Lumpur semalam.

Special Thanks



FIG **KUALA LUMPUR 2014** **XXV FIG Congress**
"Engaging the Challenges, Enhancing the Relevance"
16 - 21 JUNE 2014, MALAYSIA

FIG Commission 3 Work plan 2015 – 2018

Chair Enrico Rispoli - Italy

FIG General Assembly – 21.06.2014

Consiglio Nazionale Geometri e Geometri Laureati
Enrico Rispoli - Italy

FIG **KUALA LUMPUR 2014** **XXV FIG Congress**
"Engaging the Challenges, Enhancing the Relevance"
16 - 21 JUNE 2014, MALAYSIA

That's me

2

Enrico Rispoli - Italy




3

Consiglio Nazionale Geometri e Geometri Laureati
Enrico Rispoli - Italy

My adventure as chair elect started in Rome during the FIG WW 2012 together with our friend VP Bruno



FIG Commission 3 - Work plan
2015 – 2018

First of all I want to thank Yerach Doytsher for the important work he has been doing that I want to continue and develop more.

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  **XXV FIG Congress**
KUALA LUMPUR 2014
Engaging the Challenges, Enhancing the Relevance™
16 - 21 JUNE 2014, MALAYSIA

FIG Commission 3 - Work plan
2015 – 2018

My general idea is to confirm the current
3 working groups and their chairs who already
declared to be interested in

5

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FIG Commission 3 - Work plan
2015 – 2018

These working groups are about:

- Working Group 3.1 – SIM Infrastructure
 - further developments with the Chair Prof. Dr. Hartmut Mueller (Germany)
- Working Group 3.2 – Technical Aspects of SIM
 - further developments with the Chair Prof. Dr. Ioannidis Charalabos (Greece)
- Working Group 3.3 – 3D Cadastre (Joint Working Group with Commission 7)
 - further developments with the Chair Prof. Dr. Peter van Oosterom (The Netherlands)

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FIG Commission 3 - Work plan
2015 – 2018

New Goals:

the use of spatial data also as method for the monitoring of the sustainable development and the environment protection, focusing on the research to emerging countries , especially the mega cities, with high index of development (China, India, Asia and South America);

7

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FIG Commission 3 - Work plan
2015 – 2018

New Goals:

Deepening of the study and monitoring (as control of the land) of natural phenomena and consequences of the human intervention for the prevention and defense of well-being and more in particular of the goods and of properties

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FIG Commission 3 - Work plan
2015 – 2018

New Goals:

Deepening of the study and monitoring for the defense of hydrological disasters that have interested, in a strong way and with severe damages and many deads, different parts of the world (New Orleans, Germany, Eastern Countries, Italy in more places, India ect).

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16 - 21 JUNE 2014, MALAYSIA

FIG Commission 3 - Work plan
2015 – 2018

My intention is:

- to continue to organize every year an annual meeting of Commission 3;
- to continue the cooperation with FIG Commissions, in particular with Commission 7 and 8

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FIG **XXV FIG Congress**
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 16 - 21 JUNE 2014, MALAYSIA

**FIG Commission 3 - Work plan
 2015 – 2018**

The next meeting of
 FIG Commission 3
 will be held in
 Bologna (Italy) from
 4th till 7th November
 2014.
 All info and details
 will be sent soon to
 all delegates.



FIG Commission 3 Meeting
 Bologna (Italy)
 4th - 7th November 2014.

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Consiglio Nazionale
 Geometri e Geometri Laureati
 Enrico Rispoli - Italy

FIG **XXV FIG Congress**
KUALA LUMPUR 2014 "Engaging the Challenges, Enhancing the Relevance"
 16 - 21 JUNE 2014, MALAYSIA

I do my best so that the
 important work of the
 Commission will continue

And I will appreciate the
 support of each to do better

FIG **KUALA LUMPUR 2014** **XXV FIG Congress**
"Engaging the Challenges, Enhancing the Relevance"
16 - 21 JUNE 2014, MALAYSIA

FIG Commission 3
Work plan 2015 – 2018
Chair Enrico Rispoli - Italy

Thank You
For your attention

Consiglio Nazionale
Geometri e Geometri Laureati

FIG Commission 5 2015-18

Main Technical Objectives

- Focus on development of new instruments and measurement techniques: Terrestrial Laserscanning, Ground-based Radar, UAVs, etc.
- Spreading knowledge and developments of existing and well-established measurement techniques: GNSS, total station, etc.

Cooperation

- Cooperation with IAG, ISPRS and other sister organizations to continue and further improve
- Cooperation with UN to continue:
 - UN Office for Outer Space Affairs (UN OOSA); ICG - International Committee on GNSS
 - UN Global Geospatial Information Management (UN GGIM), Working Group 1 (Geodetic Reference Framework for Sustainable Development)
- Working with ISO:
 - ISO-TC211: Geographic Information / Geomatics
 - ISO-TC 172 SC6: Geodetic and Surveying Instruments

Chair Commission 5: Volker Schwieger, Germany

Vice Chair of Administration: Li Zhang, Germany



FIG Commission 5 2015-18

WG 5.1 Standards, Quality Assurance and Calibration

Chair: David Martin, France

First Ideas: Guide for the expression of uncertainty in measurements (GUM) for surveying, Connection to ISO TC211 (session at Working Week in Sofia 2015).

WG 5.2: Reference Frame in Practise

Chair: Nic Donnelly, New Zealand

First Ideas: FIG Publication on ITRF2013, Publication regarding national datums (different types), Review of Reference Frames in Practise Manual, Continuing Seminars on Reference Frames in Practise, Connection to ISO-TC211: Geodetic Registry Network.

WG 5.3: GNSS

Chair: Neil Weston, USA and ???

First Ideas: Precise Point Positioning, Processing Services, Low-Cost GNSS, Special Session regarding these topics on Working Weeks and Conferences.



FIG Commission 5 2015-18

WG 5.4: Multi-Sensor-Systems (joint with IAG?!)

Chair: Allison Kealy, Australia

First Ideas: Alternatives and backups of GNSS, Unmanned Aerial Vehicles (UAV), Special Sessions at Working Weeks and Supporting Special events like: Mobile Mapping Symposium, ION GNSS, IGNS Australia, IPIN

WG 5.5: Cost-effective Positioning

Chair: ????

First Ideas: Evaluation of current measurement and positioning techniques with respect to cost and time, FIG publication on this topic, Base: Paper on “Cost-Effective Positioning” by Mikael Lilje and Volker Schwieger, in Abuja, Nigeria; and FIG publication No 49 (Commission 5 publication) on Cost-Effective GNSS

WG 5.6: Vertical Reference Systems

Chair: ????





International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

FIG XXV Congress Kuala Lumpur

Work Plan 2011-2014 Commission 9

Prof. Dr. Liao Junping(Patrick)

21 June 2014

Chair-elect Commission 9



Commission 9
Valuation and Real Estate Management

**Many thanks to Prof.
Frances Plimmer, the chair,
as well as to Kauko
Viitanen, ther former Chair**



Brief Review of last 4 years

- **Working Group 9.1 - Property tax**
 - Study Group 9.1.1 – Tax Bases
 - Study Group 9.1.2 – Mass Appraisal Systems
 - Study Group 9.1.3 – Successful and Efficient Taxation Systems for Emerging Economies
- **Working Group 9.2 - Large Scale Land Acquisition for Agriculture**
- **Working Group 9.3 - Management of Public Property Assets in Developing Countries**



Draft Plan for Next 4 Years

- **Working Group 9.1 - Valuation of unregistered land**
- **Working Group 9.2 - Large scale land acquisition for agriculture**
- **Working Group 9.3 - Valuation of real estate in REITs**

Recovery
from a natural disaster



FIG Working Week
Christchurch
New Zealand
2-6 May 2016






Recovery
from a natural disaster

Known as the 'Garden City', Christchurch is home to some of New Zealand's newest venues, stylish accommodation and dramatic natural landscapes.



Christchurch



www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery
from a natural disaster

Our city has been through a series of devastating earthquakes. We're looking forward to showcasing our rebuild progress to FIG members in 2016.



Earth quakes



www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery
from a natural disaster

FIG 2016 Working Week will be held at CBS
Canterbury Arena and Addington Raceway.



Venues

regenerate



www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery
from a natural disaster

The social functions will embrace our culture and utilise our unique venues.



Social

rebound



www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery
from a natural disaster

The trade show will be the heart of our Working Week.



Exhibition

regenerate



www.fig.net/fig2016



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery from a natural disaster

The city is spoilt for choice with accommodation options catering for all tastes and budgets.



www.fig.net/fig2016



Accommodation



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery from a natural disaster

Daily transfers from accommodation to the venue will be provided.



www.fig.net/fig2016

Transport





Recovery
from a natural disaster

Support

regenerate

www.fig.net/fig2016

Office of The Mayor
Christchurch City Council



12 May 2016

**LETTER OF WELCOME FROM
MAYOR LIANNE DALZIEL, CHRISTCHURCH CITY COUNCIL.**

It gives me great pleasure to welcome members of the FIG International Federation of Surveyors to Christchurch in 2016.

It is an honour for our city to host such a prestigious event, and the Working Week is an opportunity to bring together a wealth of knowledge and expertise and for members of FIG to share and learn from each other.

I trust that while delegates are here, they will take some time to enjoy our hospitality and visit some of our city's attractions.

Christchurch is bouncing back from the earthquakes of 2010/2011 with renewed energy and spirit, seen across the city. The rebuild is beginning to gather pace and which means that considerable progress will have been made by the time you arrive in 2016. The Lonely Planet and New York Times say Christchurch is one of the places to visit – the energy and creativity should inspire your conference.

Once again, I wish all potential delegates a very warm welcome.

Kind regards



Lianne Dalziel
MAYOR

Civic Office, 63 Hesse Street, Christchurch 8011, New Zealand
PO Box 1916, Christchurch 8146
Phone: +64 3 341 3100
www.ccc.govt.nz





Recovery
from a natural disaster

rescue

www.fig.net/fig2016

FIG / NZIS Organising Committee:

FIG President	NZIS President
FIG Manager	NZIS CEO

Local Organising Committee:

- Simon Ironside, Working Week Chair
- Warren Haynes, Working Week Vice Chair
- Hadyn Smith, CEO, NZIS
- Mark Allan, NZIS Councillor
- Melissa O'Brien, NZIS YS Representative
- Scott Williams, NZIS Canterbury Branch Chair
- Alistair Greig
- Lyndon Telfer
- Martin Hewitt
- Michael Martin
- Kurt Janssen

Local Organising Committee



The Council of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens

FIG Global Surveyors Week

Jean-Yves Pirlot, CLGE President
John Hohol, NSPS Delegate

21 June 2014

Kuala Lumpur (Malaysia)



The Council of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens

Common Proposal

- This proposal is presented by
 - CLGE: The Council of European Geodetic Surveyors (Comité de Liaison des Géomètres Européens)
 - NSPS: The National Society of Professional Surveyors





Common Proposal

- Based on
 - NSPS: National Surveyors Week
 - Week after the 3rd Sunday in March
 - CLGE : Day of the European Surveyor
 - The Friday in this week



110TH CONGRESS
2^D SESSION

H. CON. RES. 223

CONCURRENT RESOLUTION

Whereas there are over 45,000 professional surveyors in the United States;

Whereas the nature of surveying has changed dramatically since 1785, as it is no longer limited to the description and location of land boundaries;

Whereas hydrographic surveys are important to the use of all bodies of water;



Goal

- Improve the visibility
 - Decision makers
 - General public
- Increase the respect of the Profession



National Surveyors Week

- Whereas the establishment of the third week of March as “National Surveyors Week” would be a fitting tribute to all surveyors:

Now, therefore, be it

...



Now, therefore, be it

That Congress supports the establishment of National Surveyors Week;
requests that the President issue a proclamation calling on the people of the United States to observe National Surveyors Week each year with appropriate ceremonies and activities paying tribute to professional surveyors and their contribution to society;



Now, therefore, be it

(That Congress) ... invites the people of the United States to look back at the historic contributions of surveying and look ahead to the new technologies which are constantly modernizing this honored and learned profession.

- *Passed the House of Representatives
September 24, 2008*



The Council of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens

Unveiling Ceremony of the European Surveyor 2012



The Council of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens

CheeHai TEO, FIG President





Budapest Declaration



The Council of European Geodetic Surveyors
Comité de Liais  **The Council of European Geodetic Surveyors**
Comité de Liaison des Géomètres Européens

EC Register of interest representatives 2007/25512-09 - www.cge.eu




Budapest Declaration

The honourable and historic profession of surveying has been in existence since the beginning of civilisation. Surveying is recognised as the world's oldest legal profession.

From the rope stretchers of ancient Egypt into modern society the surveyor has been an essential foundation in civilisation's development. He's qualified and ready to take the same responsibilities in the future.

Whether on land, in water or space, surveyors are always at the forefront.

In recognition of the essential role surveyors play in all phases of today's world and to honour and publicise the surveying profession and the important work done by surveyors we hereby declare:

22 March 2013 as SURVEYOR'S DAY

Moreover, we ask the international Surveyors Federation, FIG, to consider the creation of a common worldwide Surveyor's Day.

John Hohol
 Representing Robert Dahn, President of
 The National Society of Professional Surveyors
 USA

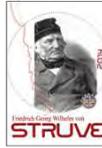
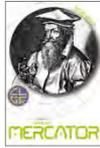
Jean-Yves Pirlot
 CLGE President
 Europe

Gyorgy Domokos
 CLGE Delegate for the Hungarian Umbrella

The Council of European Geodetic Surveyors
Comité de Liaison des Géomètres Européens



STRUVE



Voluntary National Activities

- Conferences, Seminars, Meetings
- Geodetic or Scientific week
- Exhibitions, Workshops, Excursions
- Film produced for this purpose
- Open day of the NMCA
- Publications (brochure, article, journal,...)
- Worldwide GNSS
- Surveyors Reception or Ball
- Special Diploma, Medal, ...



Common Proposal

NSPS and CLGE request that FIG organizes a week to recognize, promote and celebrate the important role we play for our societies:

“The Global Surveyors Week”





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16 - 21 JUNE 2014, MALAYSIA

37th General Assembly

**Agenda Item 37:
Presentation of Certificates of Appreciation
Closing Ceremony**



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FIG Working Week 2013
6-10 May, Abuja, Nigeria
"Environment for Sustainability"



FIG WORKING WEEK 2012
May 6-10 2012
Rome, Italy
Knowledge to Manage
the territory, protect the environment, evaluate the cultural heritage



FIG Working Week
- Bridging the Gap Between Cultures
Marrakech, Morocco
May 18-22 2011
Under patronage of His Majesty King Mohammed VI

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http://www.pmo.gov.my/?menu=speech&page=1676&news_id=725&speech_cat=2

Ahmad Fauzi Nordin, DSMM, XXV FIG Congress, 2014

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37th General Assembly

2011 - 2014 Work Plan:
Engaging the Challenge: Enhancing the Relevance

Engaging the Membership

- Communications
- Commissions
- Conference Structures

Engaging Global Challenges

- Collaborating
- Contributing
- Cascading

Enhancing the Significance and Relevance towards the betterment

- Society
- Environment
- Economy

Vision
A Profession, armed with knowledge and best practices, extending the usefulness of surveying for the benefit of society, environment and economy, increasingly positioned in significance and relevance, next door to everywhere.

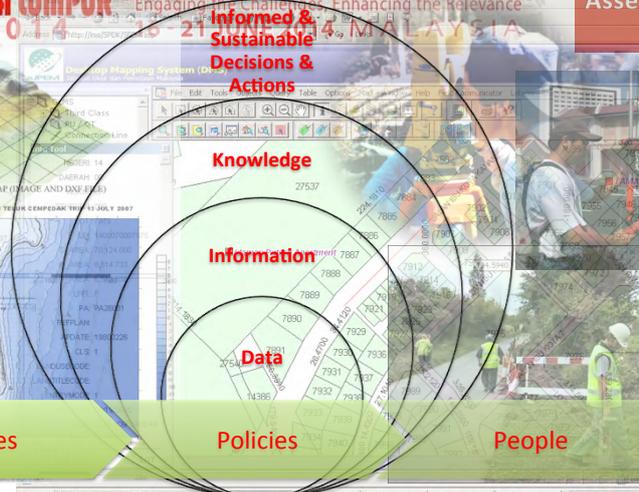




Engaging the Challenges, Enhancing the Relevance
16 - 21 JUNE 2014, MALAYSIA

37th
General
Assembly

**Informed & Sustainable
Decisions & Actions**



Places Policies People

"Like water, this rising tide of data can be viewed as an abundant, vital and necessary resource. With enough preparation, we should be able to tap into that reservoir - and ride the wave - by utilizing new ways to channel raw data into meaningful information. That information, in turn, can then become the knowledge"
(Les Alberthal [alb95])





Engaging the Challenges, Enhancing the Relevance
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General
Assembly



Where are we?




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Joint Board of Geospatial Information Societies

- Global Spatial Data Infrastructure (GSDI) Association
- IEEE Geoscience and Remote Sensing Society (IEEE-GRSS)
- International Association of Geodesy (IAG)
- International Cartographic Association (ICA)
- **International Federation of Surveyors (FIG)**
- International Geographical Union (IGU)
- International Hydrographic Organization (IHO)
- International Map Industry Association (IMIA)
- International Society of Photogrammetry and Remote Sensing (ISPRS)
- International Steering Committee for Global Mapping (ISCGM)




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Fédération des Géomètres Francophones (FGF)
Arab Union of Surveyors (AUS)
Comité de Liaison des Géomètres Européens (CLGE)
ASEAN Federation of Land Surveying and Geomatics (AFLAG)
Asociación Panamericana de Profesionales de la Agrimensura (APPA)
Mediterranean Union of Surveyors (UMG)
Pacific Association of Quantity Surveyors (PAQS)

Member associations
Affiliates
Corporate members
Correspondents
Academic members



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 **World Bank Group**
United Nations Department of Economic and Social Affairs (UN DESA)

Food and Agriculture Organization of the United Nations (FAO)
United Nations Human Settlement Program (UN-Habitat)
United Nations Global Geospatial Information Management (GGIM)
United Nations Office for Outer Space Affairs (UNOOSA)
United Nations Cartographic Section (Department of Field Support)(UNCS)

 **United Nations Economic Commission for Europe (UNECE)**
United Nations Economic Commission for Africa (UNECA)
United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

United Nations Conference on the Standardization of Geographic Names
United Nations Regional Cartographic Conferences (UNRCC)

Global Land Tool Network (GLTN) (facilitated by UN-Habitat)
International Organization for Standardization (ISO)



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A Regional Land Tenure Framework for Asia and the Pacific?

UNESCAP working with FAO, UN-HABITAT Regional Office for Asia Pacific (UNHABITAT-ROAP) with the support of the World Bank, GLTN and FIG is intending to embark on a regional land tenure initiative for Asia and the Pacific. It has to be appreciated that Asia and the Pacific as a region has geographical scope that stretches from Turkey in the west to the Pacific island nation of Kiribati in the east, and from the Russian Federation in the north to New Zealand in the south, the region is home to 4.1 billion people, or two thirds of the world's population. The region is diverse on all counts, to say the least.



  
 Facilitated by 

Regional Multi-stakeholder Consultation on Land Tenure in Asia-Pacific

11 - 12 JUNE 2014
 PULLMAN PATTAYA HOTEL G. PATTAYA, THAILAND





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WE, the participants of the **FIG/UN-GGIM-AP Technical Sessions on Global Geodetic Reference Frame** at the XXV FIG Congress on 19th June 2014, having met in the context to share knowledge, promote understanding and to enhance cooperation for the sustainability and enhancement of the Global Geodetic Reference Frame, hereby issue the:

UN-GGIM-AP/FIG Statement on Global Geodetic Reference Frame

Recognising the growing need for an accurate and stable Global Geodetic Reference Frame to support, *inter alia*, earth observation, including sea level and climate change monitoring, natural hazard and disaster management and a wide range of other activities in public and private sectors throughout the World, contributing towards inclusive social progress, environmental sustainability and economic development,

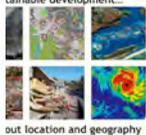
Noticing the decision adopted by the Committee of Experts on UN-GGIM at its third session in Cambridge in July 2013, on taking actions to facilitate the submission of a resolution on Global Geodetic Reference Frame to be tabled at the 2013-14 session of the UN General Assembly and to establish a Working Group to develop the conceptual note and draft text of a UN General Assembly resolution,

Noticing further that the draft resolution is planned to be discussed at the fourth session of the Committee of Experts on Global Geospatial Information Management in New York on 6 – 8 August 2014,

Reaffirming the collective commitment of UN-GGIM-AP and FIG to support the implementation of an accurate and stable geodetic reference frame being crucially important to a wide range of activities in all territories of the World, at land and at sea,

Urges member states and their representatives within UN-GGIM-AP together with all member states and their representatives at the fourth session of the Committee of Experts on Global Geospatial Information Management, to support the approval of a draft resolution on Global Geodetic Reference Frame for Sustainable Development, and to submit to the 2013-14 session of the UN General Assembly for final adoption

Urges FIG member associations and all other membership groups of FIG, to take appropriate initiatives to inform and encourage the representatives of their respective countries to the fourth session of the Committee of Experts on Global Geospatial Information Management, to support the approval of the draft resolution on Global Geodetic Reference Frame for Sustainable Development and its submission to the UN General Assembly.


n you measure and monitor
tainable development...
ut location and geography

Kuala Lumpur
19th June 2014





XXV FIG Congress
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16 - 21 JUNE 2014, MALAYSIA

37th
General Assembly

Science and Technology

Measure, Model and Monitor

Data integration

Provide the evidence

Innovation, Tools and Outcomes

Sustainable Development

Local to global issues

Social

Economic

Environmental

Policy Framework

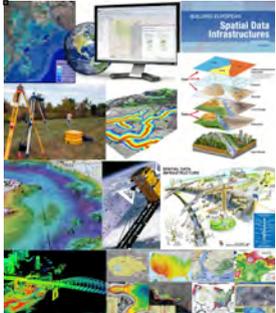
Political awareness

Evidence based policy

Inter-governmental

Decision making

Influence







Greg Scott, UN-GGIM, XXV FIG Congress, 2014

	<p>XXV FIG Congress "Engaging the Challenges, Enhancing the Relevance" 16 - 21 JUNE 2014, MALAYSIA</p>	<p>37th General Assembly</p>
<p>"Our minds are as different as our faces, we are all travelling to one destination" <i>(Charles Caleb Colton)</i></p>	<p>UN SYSTEM TASK TEAM ON THE POST-2015 UN DEVELOPMENT AGENDA</p> <p>Realizing the Future We Want for All Report to the Secretary-General</p> <p>New York, June 2012</p>	<p>"Institutions must advance also to keep pace with the times" <i>(Thomas Jefferson)</i></p>

	<p>XXV FIG Congress "Engaging the Challenges, Enhancing the Relevance" 16 - 21 JUNE 2014, MALAYSIA</p>	<p>37th General Assembly</p>	
<p><i>Together Everyone Achieves More</i></p> <p><i>With every flap of its wings, the lead bird in a flight of Canada geese is breaking through a wall of air, creating a swirling vortex that provides a "push" for each follower. Some estimates show that geese in a V-formation can fly as much as 70 percent farther than they could fly alone. It's exhausting work for the lead bird, but Canada geese have an answer to that, too: they take turns. When the leader drops back, another takes its place.</i></p> <p><i>It's good to be flying with you.</i></p>			<p>Thank You</p>



WE, the participants of the **FIG/UN-GGIM-AP Technical Sessions on Global Geodetic Reference Frame** at the XXV FIG Congress on 19th June 2014, having met in the context to share knowledge, promote understanding and to enhance cooperation for the sustainability and enhancement of the Global Geodetic Reference Frame, hereby issue the:

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Kuala Lumpur
19th June 2014